Final Project Closeout Report
For
Building 883 Cluster

Revision: 0

August 2005

Remediation, Industrial D&D, and Site Services
Kaiser-Hill Company, LLC

Review for Classification
Name: _____
Date: _____

ADMIN RECORD

1/59

Table of Contents

I. Introduction

The 883 Cluster was located on the east half of Rocky Flats Environmental Technology Site (RFETS), just south of Central Ave on 8th Street. The structures within the 883 Cluster consisted of the main facility, Building 883, which was a two-story building with a partial basement and Building 879, the filter plenum for 883. Building 883 was a steel-framed building constructed in 1956, which housed administrative offices, shower facilities, and machining equipment to machine enriched and depleted uranium parts. Building 883 also machined other non-fissile metals such as beryllium, tungsten, stainless steel, aluminum and vanadium, which were part of plutonium weapons production.

The 883 Cluster Closure Project was completed in accordance with the Rocky Flats Cleanup Agreement (1996), the RSOP for Facility Component Removal, Size Reduction, and Decontamination Activities (DOE 2002c); and the RSOP for Facility Disposition (DOE 2000b). This document summarizes the actions taken and the final condition of the Building 883 Cluster.

883 Cluster Description

Building 883 is a high-bay single story structure with a thirty-eight foot ceiling, has a partial basement, and a small second floor on the north and south ends. The structure covers 76,500 square feet. The building was set on concrete foundations composed of individual spread footings, concrete pedestals, concrete grade beams, combined footings, and foundation walls. The building was structural steel framing for the exterior walls and roof and was built on concrete slabs on grade. The steel framing was covered with corrugated cement asbestos panels on the exterior, and the interior perimeter walls were covered with painted cement asbestos panels or concrete block. The roof was metal decking with built-up roofing material. The floor slab in the basement was eight-inch thick wire mesh reinforced concrete slab on grade. The first floor slabs were constructed of six-inch thick wire mesh reinforced concrete slab on grade, and the first floor over the basement area is six-inch reinforced concrete. The heavy equipment was placed on isolated concrete pads/pedestals where appropriate. The building was divided into three areas referred to as Sides A, B, and C. The building originally had two functional areas to prevent cross contamination (Sides A and B). A and B-Side areas were radiological controlled areas, where the use of personal protective equipment was required. Operations in this building included machining activities on DU, Be, Al, SS, and other metals.

Since its original construction, four additions were made to Building 883:

- In 1958 additional storage space was added on the east side of the structure. This area was called the "A annex."
- In 1968 an addition was built on the southeast side of the building. This addition provided space for an air supply plenum room, increased the storage space and added space in A Side for manufacturing.
- In 1972 an addition was built on the northeast corner of Building 883. This addition housed the main steam valves that supplied steam to Building 883.
- In 1985 the C Side was added to support manufacturing of armor plates containing depleted uranium for the M1A1 tanks.

3

The exterior walls of the 1958 addition and the lower portion of the 1968 addition were 8-inch thick concrete block. The exterior walls of the 1972 and 1985 additions was corrugated galvanized steel.

The ventilation system for Building 883 consisted of a once through system with inlet air plenums on the second floor. The air exhausted through the Building 879 plenum and then vertically through two exhaust stacks on the roof of Building 879. The C Side had a dedicated HVAC system, which used a HEPA filter to ensure that exhausted air is appropriately conditioned prior to exhaust. The office areas had a conventional HVAC system that used plant steam for heating and cooling tower water for cooling.

Along with Building 883, the Building 883 Complex consisted of:

- Building 879, Filter Plenum, which was constructed in 1975 and was located at the northwest corner of Building 883. It provided exhaust filtration for the A-side, B-side, Annex, and the basement of Building 883.. The plenum was a metal frame building with corrugated sheet metal siding. The fan room had a metal roof and the plenum room had a composite roof. The building was constructed on a 12-inch slab poured on grade.

II. Action Description

Prior to the mobilization of the D&D Subcontractor, Environmental Chemical Corporation (ECC), the installation of support trailers were required as part of the D&D Project Specifications for project management, administrative support, project engineering, radiological operations, occupational safety & health, men's and women's locker rooms (shower facilities), and a break trailer for daily briefings, training, meetings and lunch area for project personnel.

Utility "tie-ins" were required for electrical power, domestic water and sanitary sewer to the trailers. Electrical distribution from the Site 13.8kVa grid was provided by GASH Electric under the Site guidelines and KH/RISS Engineering and Planning approval. The awarded subcontractor for D&D, ECC routed sanitary and domestic water distribution from the locker room trailers and tied-into the Site utility systems under Site guidelines and project specifications for utility tie-ins.

Several walkdowns were performed by GASH Electric and KH/RISS Electrical Engineers and Planners (prior to ECC's Site mobilization) for the development of work packages to remove power to B883. The electrical removal, herein referred to as "cold and dark", is to remove the "original" electrical power distribution provided to all electrical systems, transformers, HVAC Systems, lighting, alarms, and equipment associated with B883, including support Building 879 the filter plenum.

GASH Electric performed the electrical isolations of all "original" electrical feeds to equipment and systems associated with B883, by taking down specific grids by Lock-Out/Tag-Out and then isolating the main power by cutting, removing, air-gapping, or by re-routing and clearly marking re-routed power for easy identification and future use by ECC and dismantlement operations. This "cold and dark" process greatly reduces the potential for injury and/or death associated with electrical shock during dismantlement of

equipment and systems and distribution into walls, ceilings and structures. Re-routed power was provided to the plenum to enable exhaust system operation during dismantlement operations and maintain a negative air environment inside B883, reducing the potential for a release of contamination outside of the building.

In addition, GASH Electric provided temporary power stations or "bang-boards" for ECC and dismantlement crews to tie-in temporary power for smaller power distribution units or "turtles". Power cords, hand-tools, light stands, light stringers, and monitoring equipment could be plugged directly into "turtles" for standard 120v operation and providing Ground Fault Circuit Interruption (GFCI) protection to the workers.

D&D Methodology

Extensive characterization revealed, as anticipated based upon facility operations, higher levels and greater extent of beryllium and radiological contamination. The approach to working D&D from inception of the project was to work from "clean" towards "dirty" or less contaminated to greater contamination areas, minimizing the potential for spread of contamination and cost associated with dismantlement, waste disposition and final clean-up, while reducing worker exposure (ALARA).

Posted Work Areas / Personal Protective Equipment (PPE)

Both buildings 883 and 879 were initially characterized as having beryllium contamination and posted as beryllium "controlled areas". Once intrusive work began, as required in the Request for Proposal, the buildings were upgraded as a beryllium "regulated area", due to the high potential of airborne beryllium in excess of 0.2 micrograms per cubic meter ($\mu g/m^3$). This required workers to be trained as Beryllium Workers and monitored annually for beryllium sensitivity in the RFETS Medical Program. Workers were required to wear a minimum of Level B PPE (Tyvek coverall, hood, 2-pairs of booties, 2-pairs of surgeon gloves and taped seams) and an Air Purifying Respirator with HEPA (High Efficiency Particulate Air) cartridges. Additional PPE included as a minimum, safety-toe boots, leather or other types of gloves, hard hat and outer rubber boots once inside the regulated areas.

As mentioned in the introduction, A and B sides contained greater extent of beryllium and radiological contamination due to facility operations. In addition to a beryllium regulated area, the area was also established as a Contamination Area (CA) for radiological contamination. Work inside these areas was required under radiological guidelines, monitoring requirements, and radiation exposure limits outlined on Radiological Work Permits (RWP's), issued by Radiological Engineering and Radiological Operations.

Asbestos Containing Materials (ACM) Abatement

Onyx Superior, Inc., in accordance with Colorado State Regulation 8 requirements performed asbestos abatement. Building 883 contained significant quantities of Asbestos Containing Materials (ACM's), which included floor tiles and mastic, thermal system insulation, weather caulking around windows, plaster walls, and drywall.

6

Due to the extent of ACM's, e.g., floor tile, drywall and mud, and plaster walls with wire lathe, areas were established as a full containment, the internal walls and windows were used as the primary barrier and man doors were established as "pop-up" containment/control points under negative air with plastic tents and established as critical barriers (exit and entry points). Onyx Superior performed dismantlement and demolition of internal offices/cubicles (drywall and drywall mud) and locker/rest rooms (plaster walls with wire lathe) as part of large-scale abatement activities. Final cleaning and clearances, performed by an Independent Air Monitoring Contractor, were required as part of final decontamination of Building 883.

Dismantlement

As discussed in the previous section, asbestos abatement, including the demolition of non-load bearing walls, e.g., internal office walls, hallways, locker/rest room walls and ceilings, were performed in parallel. The abatement and internal wall demolition provided larger, open work areas for dismantlement crews to access HVAC Systems, sprinkler piping, electrical conduit, lighting, and mechanical room equipment-transformers, heat exchanger, hot water heaters, piping and conduit.

Mechanical equipment was dismantled and segregated of Resource Conservation and Recovery Act (RCRA) components (lead, circuit boards, and mercury switches), drained of liquids (water, oil) to meet waste packaging requirements, size-reduced and loaded into sea/land cargo containers or intermodals as Low Level Waste (LLW). Additionally, RCRA and TSCA waste were removed from equipment and building systems and packaged in drums or crates.

The exhaust ductwork systems were removed while the building plenum was running/active. This provided a "pull or sucking" of air into the exhaust system (pulling potential contaminants) away from workers while cutting, separating (via flanges) and dismantling the exhaust duct in-place. Dismantlement crews worked from branches furthest away from the plenum-or "upstream" towards the plenum, while the system was operating, to minimize the potential for contamination spread and worker exposure.

Other engineering controls included spraying sections of duct or equipment with a contamination control fixative on the external horizontal surfaces and/or internal surfaces (where accessible) to reduce the potential for a contamination release. Sections of duct or equipment were sized to manageable sections and then lowered to the ground with duct hoists, mechanical lifts or approved hoist and rigging plans and packaged as LLW.

Process and "Heavy" Equipment Dismantlement, Removal and Waste Packaging

Massive equipment exceeding 25 tons could not be moved or removed using installed 883 bridge cranes. This included the Loewy A-Mill and B-Mill, and the A-Side and B-Side HPM presses.

The rollers from the Lowey mills were removed separately from the machines and then from the building. These were double wrapped, put onto skids and then Insta-coted as the final shipping package. Each of the rollers weighed 69,000 lbs., and there were 2 for each machine.

All the ancillary parts of the machines that could be removed were and packaged as LLW into IP-1 cargoes for shipment. All accessible surfaces of heavy equipment were decontaminated, sprayed with fixative, tarped and left in place during building demolition.

After clearance of rubble, the removal of heavy equipment could be performed using a combination of mobile cranes and site demolition equipment. After removal of heavy equipment from their mounts, further decontamination, fixative application, sealing and preparation for off-site shipments were made.

III. Verification Action Goals Were Met

Four action objectives were established for Building 883 Cluster Removal Project prior to beginning the demolition:

- ***Decontamination of the facilities (as necessary) to support release for decommissioning per site approved procedures.***

  The facilities were sprayed with fixative in order to meet the beryllium and radiological free-release criteria. The building structures were disposed of as LLW in accordance with regulatory agreement and the consultation process with the LRA.

- ***Decommissioning the Building 883 Cluster facilities in accordance with RFCA and applicable or relevant and appropriate requirements.***

  RFCA and other relevant requirements were complied with throughout the project. Consultations with the LRA were conducted when any concerns or suggestions regarding the implementation of RFCA were identified.

- ***Complete decontamination and decommissioning activities in a manner that is protective of site workers, the public and the environment.***

  Decontamination and decommissioning activities were completed within regulatory requirements. Continuous air sampling for beryllium and asbestos was implemented during demolition and waste loading activities. Dust control measures were implemented during the building demolition. These measures included utilizing wet methods, via fire hydrant and hoses, to control dust during demolition.

- ***Demolish the 883 Cluster facilities structures, utilities and process lines to 3' below grade.***

  All of the Building 883 facility structures and process waste lines (NPWL and OPWL) have been removed.

IV. Verification of Treatment Process

This section is not applicable to this project.

8

V. Radiological Analysis

See Appendix 3 of this document containing the following Pre-Demolition Survey Reports (PDSR). In process surveys taken during demolition of Bldg. 883 and 879 structures and the Bldg. 883 slab did not indicate any contamination above unrestricted release limits outside of the established demolition zone radiological boundary.

- Building 883 – PDSR for the Building 883, Revision 0, dated January 28, 2005, (05-RF-00107); CDPHE concurrence letter dated February 7. 2005 (Appendix 3, Article 1)
- Building 879, PDSR for the Building 879, Revision 0, dated January 6, 2005, (05-RF-00012); CDPHE concurrence letter dated January 26, 2005 (Appendix 3, Article 2).

VI. Demolition Survey Results

The Air Quality Management (AQM) program conducted project monitoring for beryllium (PM-Be) during B-883 demolition in accordance with the Rocky Flats Cleanup Agreement *Integrated Monitoring Plan* (IMP). The IMP prescribes that a 4-sampler network surround the potential source area (in this case, B-883) and operate during demolition and rubble handling operations. Samples were collected on 47 millimeter (mm) cellulose filter paper and were shipped off-Site for analysis. Total beryllium mass was determined by Grand Junction Analytical Laboratory using inductively-coupled plasma/atomic emission spectroscopy, and sample concentrations (micrograms per cubic meter air [g/m^3]) were then calculated based on sampler flow rate. These concentrations were compared to action levels defined in the IMP. The most stringent IMP action level for beryllium in ambient air is 0.01 g/m^3, and corresponds with the National Emission Standard for Hazardous Air Pollutants for Beryllium (40CFR61.32). Results were well below this action level.

Samples were exchanged daily during building demolition. Multi-day samples were collected during rubble load-out operations, since projects emissions during demolition had been demonstrated to be well below the action level. Some results that were greater than the pre-demolition baseline concentration were observed, but nothing approaching the action level. These results confirm that project controls were effective in minimizing the migration of beryllium contamination from B-883 demolition. See graphs in Appendix 1.

Sampler locations are documented by the map Be Air Samplers in Appendix 1.

Summary of Airborne Radioactivity and Contamination Sampling for 883 Complex Demolition

Building 879 and Building 883 were demolished in phases between December 2004 and February 2005. Slab demolition was completed in March 2005. Demolition occurred after widescale decontamination and application of fixative to all interior surfaces of the buildings. Perimeter airborne sample pumps were deployed at the boundary fence surrounding Bldg. 879 and 883 within about 50 feet of the structure throughout all

demolition activities. All air samples were <2% of the Derived Air Concentration (DAC) for Depleted Uranium.

Removable contamination surveys taken routinely as demolition work progressed in both buildings, did not show the presence of removable contamination in uncontrolled areas above unrestricted release limits as governed by the DOE Radiological Control Manual, Table 2-2, and Site radiological control procedures. Some localized removable contamination above 1000 dpm/100 cm^2 was seen periodically within the radiologically controlled[1] demolition area on certain pieces of rubble or equipment. Per the demolition work package, this condition was remediated with fixative and material reverified to ensure that Surface Contaminated Object (SCO) Low Level Waste (LLW) shipping criteria was met.

VII. Waste Stream Disposition

Building 883 Closure Project generated the following waste types including sanitary, hazardous, TSCA, asbestos, low-level, low-level mixed, low-level TSCA, and recycled materials. Listed below is the quantity and disposal site for these waste types and materials:

1) Sanitary Disposal

Disposal Site:	BFI Foothills Landfill, Golden, CO or Erie Republic Landfill, Erie, CO.
Waste Volume (y^3):	4920
Waste Weight (tons):	1249.83
Additional Information:	This included office furniture, non-friable asbestos, and building debris that meet the free release criteria.

2) Hazardous Disposal

Disposal Site:	Kettleman Hills, Kettleman City, CA
Waste Volume (m^3):	4.887
Waste Weight (tons):	4.137
Additional Information:	Crushed light bulbs, circuit boards, mercury equipment

3) TSCA Waste Disposal

Disposal Site:	Onyx Services, Henderson, CO
Waste Volume (m^3):	0.210
Waste Weight (tons):	0.265
Additional Information:	Ballasts, capacitors

4) Asbestos Waste Disposal

Disposal Site:	Envirocare, Salt Lake City, UT or Nevada Test Site, NV
Waste Volume (m^3):	See LLW
Waste Weight (tons):	
Additional Information:	Asbestos waste was not delineated from the LLW generated.

5) Low-Level Waste Disposal

Disposal Site:	Envirocare, Salt Lake City, UT or Nevada Test Site, NV
Waste Volume (m^3):	20,604.249
Waste Weight (tons):	16375.59
Additional Information:	Building debris and building equipment

[1] The zone was precautionarily posted as a Contamination Area during facility and slab demolition due to the potential for contamination.

6) Low-Level Mixed Waste Disposal

Disposal Site:	Envirocare, Salt Lake City, UT
Waste Volume (m^3):	58.26
Waste Weight (tons):	15.99
Additional Information:	Includes the RCRA tanks and tank system

7) Low Level TSCA Disposal

Disposal Site:	WCS, Andrews, TX
Waste Volume (m^3):	174.84
Waste Weight (tons):	67.66
Additional Information:	USI Presses hydraulic system

VIII. Deviations From the Decision Document

The RFCA RSOP for Facility Disposition states a facility will be decontaminated to meet the free release criteria for beryllium. B883 walls and flooring was coated with fixative to meet the free release criteria.

The Closure Summary Report for interim status RCRA Units 40.27 and 40.28, Acid Etch Process Waste Tanks T-1 and T-2, in Building 883 is included in Appendix 4, Article 1. The report is included pursuant to the RFETS "Closure Plan for Interim Status Units at RFETS," Rev.2/15/2000, the RFETS RFCA RSOP for Facility Component Removal, Size Reduction, and Decontamination Activities, Notification Letter, April 15, 2002 (02-DOE-00585). The report contains a description of major closure activities and any deviations from those stated in the RSOP Notification Letter and other relevant information.

IX. Description of Site Condition at End of Decommissioning

All above ground buildings and other structures, concrete pads, overhead steam lines, condensate lines, air lines, alarm lines, and electrical lines along the supporting stanchions and power poles were removed.

All other piping and drain fields for buildings other than 883 and outside of the 883 footprint were removed to a minimum of 3 feet below grade. Those underground sewer lines, drain fields, electrical lines, phone lines/fiber-optic cables, below 3 feet and not contaminated, were left in place. The underground lines left in place are as follows:

- Water Lines (DCWF and Raw Water) were left in place if greater than 3 feet below final grade. All hydrants and post indicating valves were removed. Only one section of water pipe south of Building 883 required removal. Refer to the Sector 7A DCWF drawing.
- Sewer lines were left in place if greater than 3 feet below final grade. The segments of sewer pipe removed included the service to T-690 area; west of 883 was removed as it was integral to the Building 883 demolition and small segments south of Building 881. Refer to the Sector 7A sewer drawing.
- Steam Lines were determined to be greater than 3 feet below final grade through exploratory potholes, and all were left in place. In ground steam pits structures were removed to greater than 3 feet below final grade, hardware removed and backfilled with flowable fill concrete. Refer to the Sector 7A Steam drawing.

- All telephone conduits were removed with exception of a direct buried line east of Building 883. Refer to the Sector 7A Telephone drawing.
- Natural Gas pipe running south from Central Ave east of Building 883 was removed where it was less than 3 feet below final grade and greater than 2 inches in diameter. See Sector 7A Natural Gas drawing.
- Most alarm system conduits were removed unless they were greater than 3 feet below final grade. Refer to the Sector 7A Alarm, 2nd Alarm, Original Alarm and Classified Data drawings.

Above information on locations of the lines is noted on the Utility Dislocate Maps in Appendix 1.

X. Demarcation of Excavation

This section is not applicable.

XI. Demarcation of Wastes Left in Place

All waste materials were removed.

XII. Dates and Duration of Specific Activities

Beginning in March 2000 and continuing through January 2001, loose property removal, and some equipment dismantlement, decontamination, and residual fluid draining was accomplished by K-H RISS. In January 2002, Environmental Chemical Corp. was awarded contract by K-H to D&D Building 883 Cluster. Starting in September 2002, a transition in project management occurred for the D&D of Building 883 Cluster. Due to some recurring safety issues, it was decided that the integrating contractor, Kaiser-Hill, would assume direct control of this effort through day-to-day management and supervision. The subcontractor (Environmental Chemical Corp. {ECC}) formerly performing the D&D scope continued to function within the new framework. Over the next few months, changes to supervisors, safety staff, and craft support took place. D&D of the Building 883 Cluster was complete in December 2004. Following are the start dates of the key activities for the 883 Closure Project D&D contract:

- **Strip-Out**: Completed January 28, 2005, with the exception of the large pieces that were size reduced by CDI (completed March 1, 2005).
- **Asbestos Abatement**: Last transite removed February 11, 2005.
- **PDS**: January 24, 2005
- **Demolition Activities**: Started February 12, 2005
- **Rubble removal**: Started April 20, 2005
- **Slab removal**: Started April 7, 2005
- **Demobilization**: Started May 27, 2005

12

XIII. Final Disposition of Wastes

See Section VII.

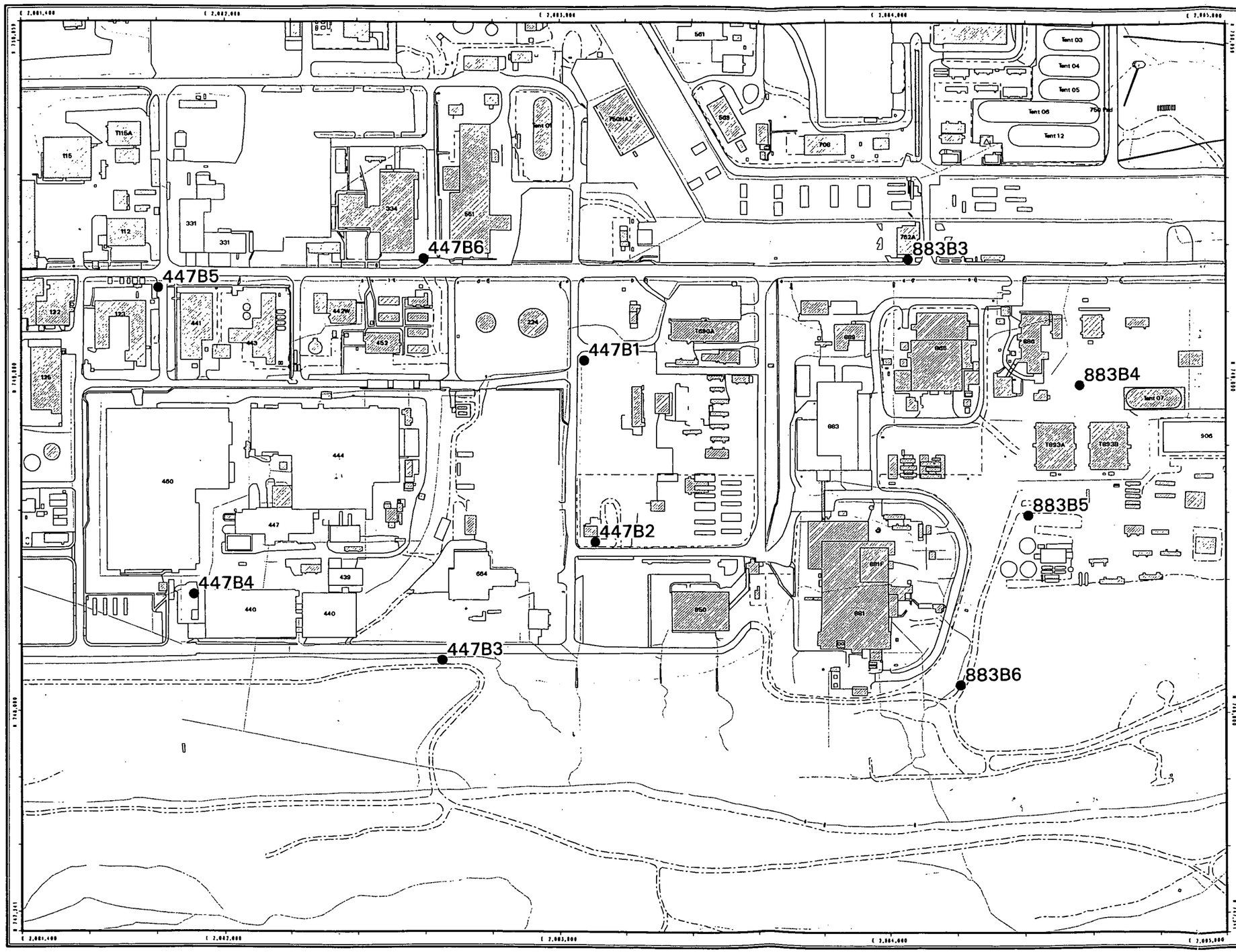
XIV. Next Steps for the Area

Following demolition of the Building 883 Facility Cluster the site was turned over to Environmental Restoration, for removal of below grade structures, grading and reseeding in accordance with the Final Land Configuration Design Basis as shown on the map in Appendix 1, Article 5.

13

Appendix 1
Maps and Figures

Article 1	**883 Cluster Plot Plan**
Article 2	**Be Air Samplers**
Article 3	**Be Monitoring Results**
Article 4	**Utility Dislocate Map**
Article 5	**Final Land Configuration Design Basis**



Be Air Samplers

EXPLANATION

- Be Sampler

Standard Map Features

- Buildings and other structures
- Demolished buildings and Other Structures
- Lakes and ponds
- Streams, ditches, or other drainage features
- Fences and other barriers
- Topographic Contour (20-Foot)
- Paved roads
- Dirt roads

DATA SOURCE BASE FEATURES:

Buildings, fences, hydrography, roads and other structures from 1994 aerial fly-over data captured by EG&G RSL, Las Vegas. Digitized from the orthophotographs. 1/95

Topographic contours were derived from digital elevation model (DEM) data by Morrison Knudson (MK) using ESRI Arc TIN and LATTICE to process the DEM data to create 5-foot contours. The DEM data was captured by the Remote Sensing Lab, Las Vegas, NV, 1994 Aerial Flyover at ~ 10 meter resolution. DEM post-processing performed by MK, Winter 1997.

Scale = 1 : 3510
1 inch represents approximately 293 feet

100 0 200 400ft

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. 303-966-7707

Prepared by: CH2MHILL

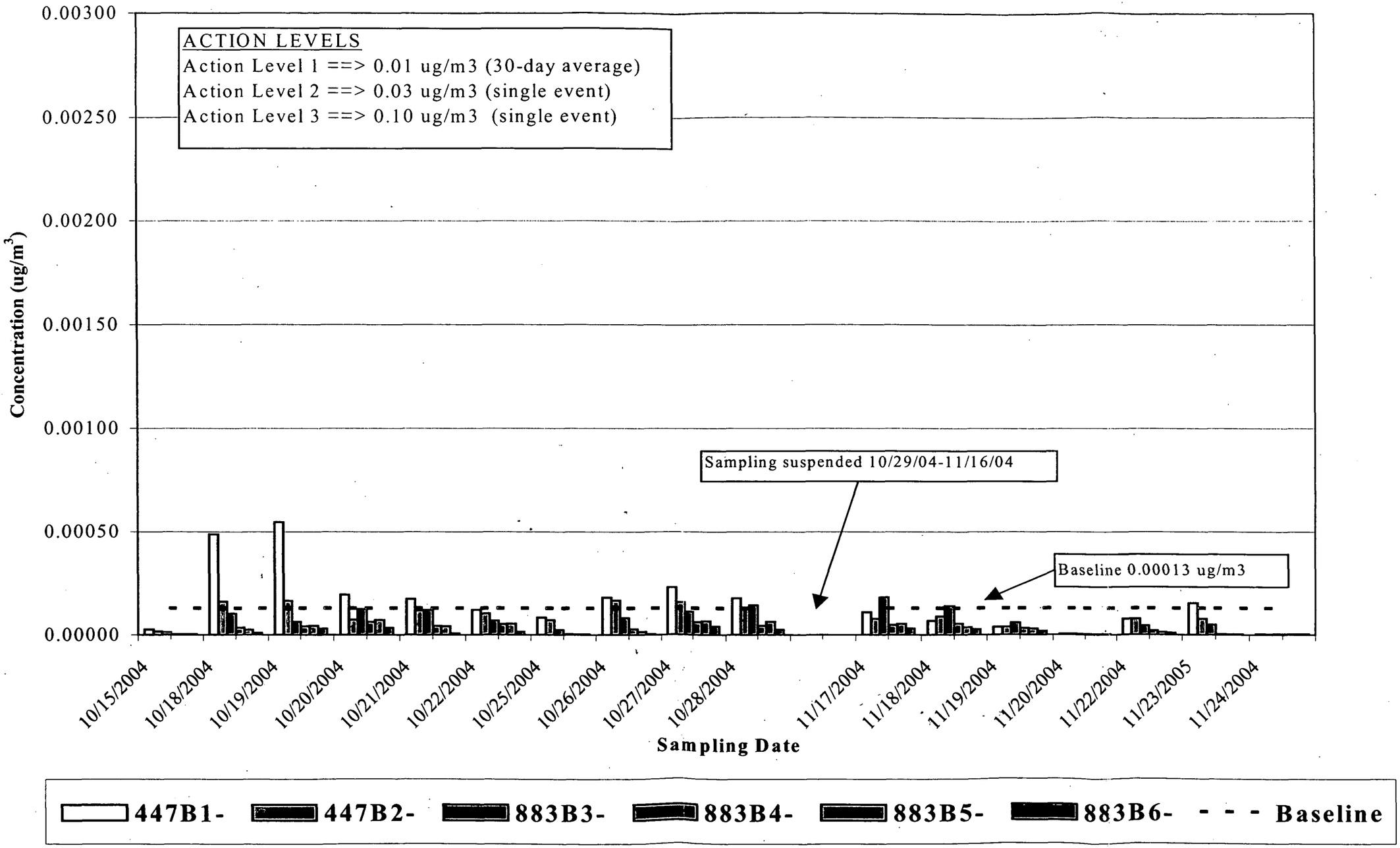
Prepared for: KAISER-HILL COMPANY

November 02, 2004

NT_Svr w:/projects/fy2005/05-0049/be_samplers.aml

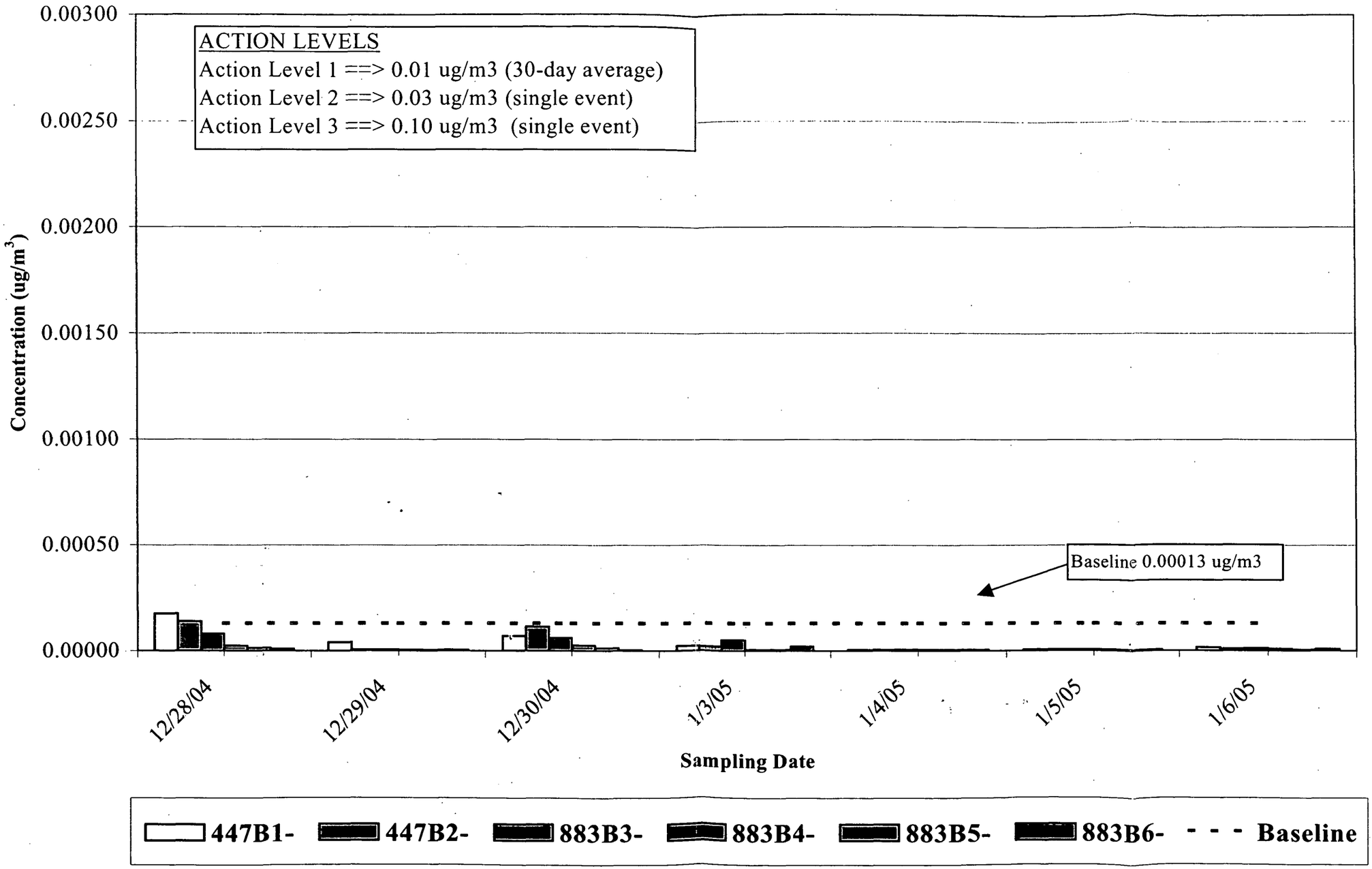
B883 Ambient Beryllium Monitoring

October - November 2004



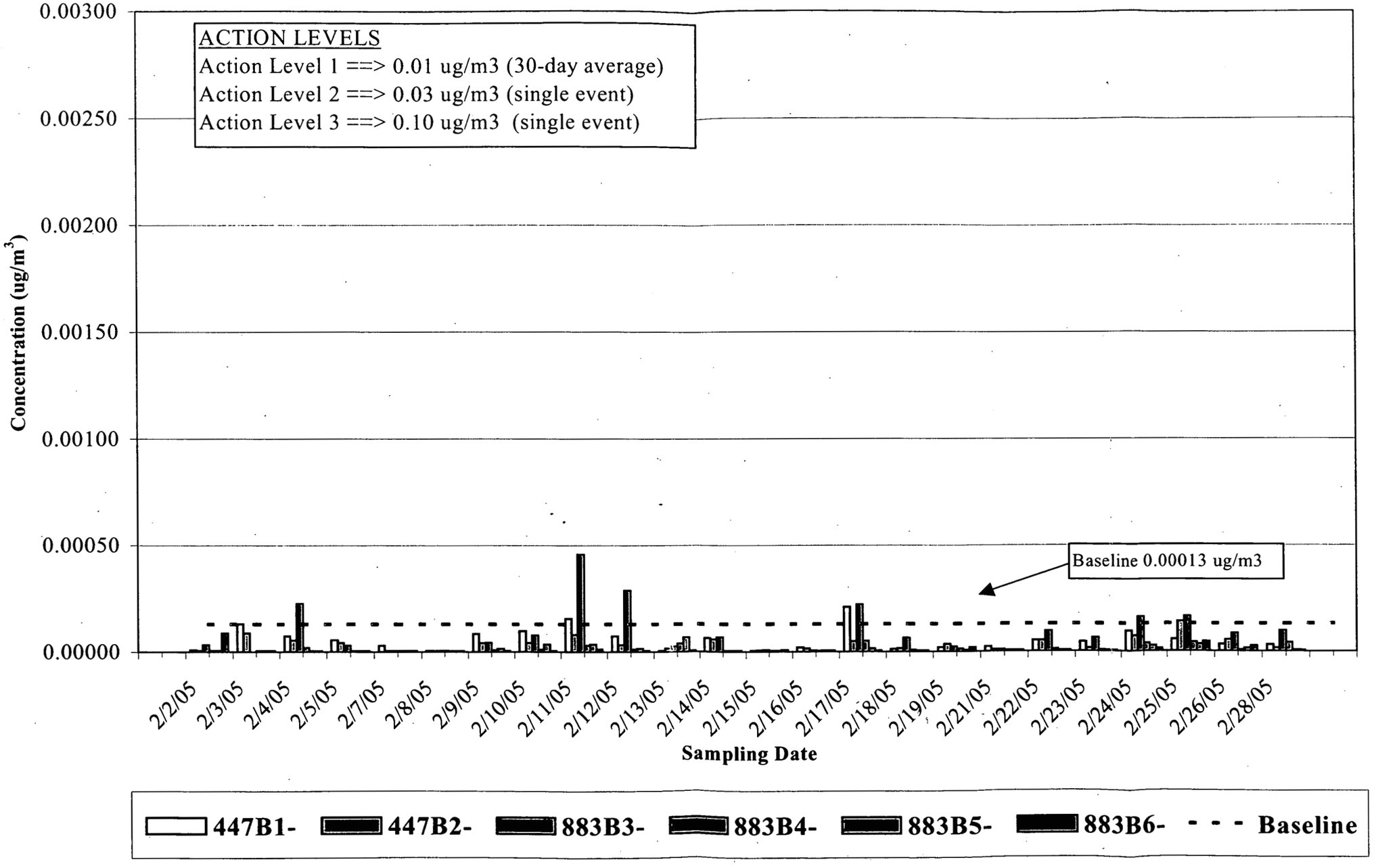
B883 Ambient Beryllium Monitoring

December 2004 - January 2005



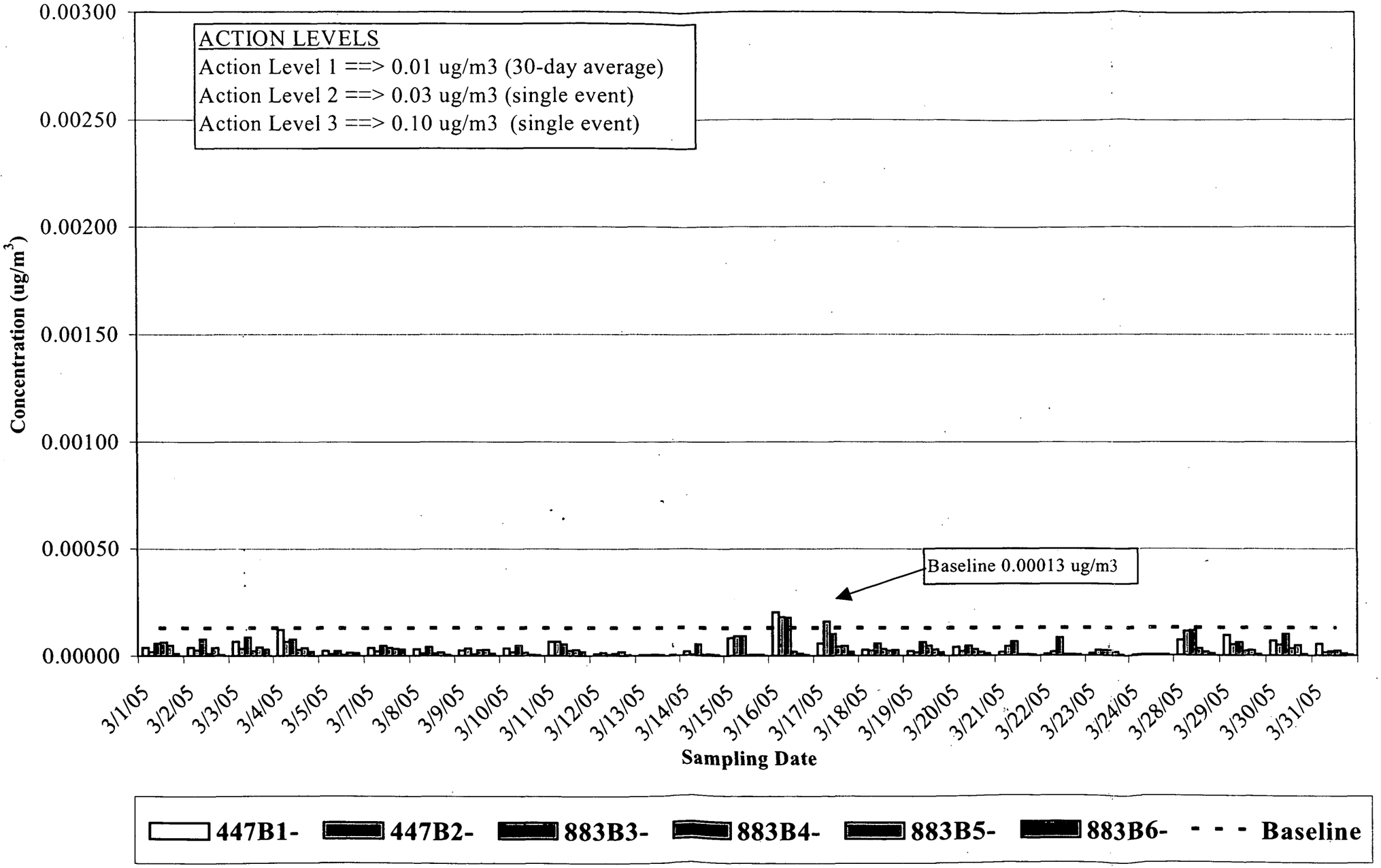
B883 Ambient Beryllium Monitoring

February 2005



B883 Ambient Beryllium Monitoring

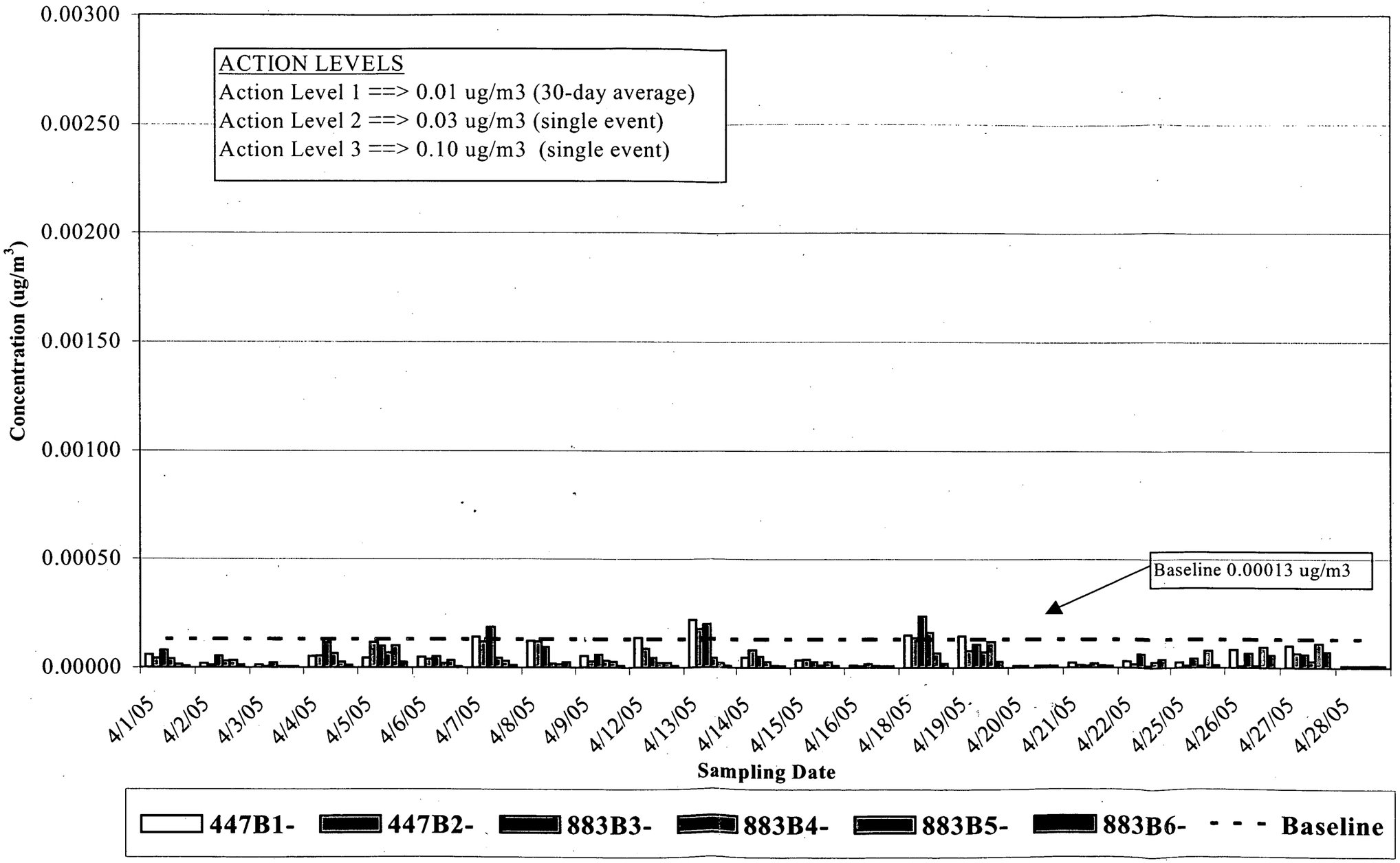
March 2005



B883 Ambient Beryllium Monitoring

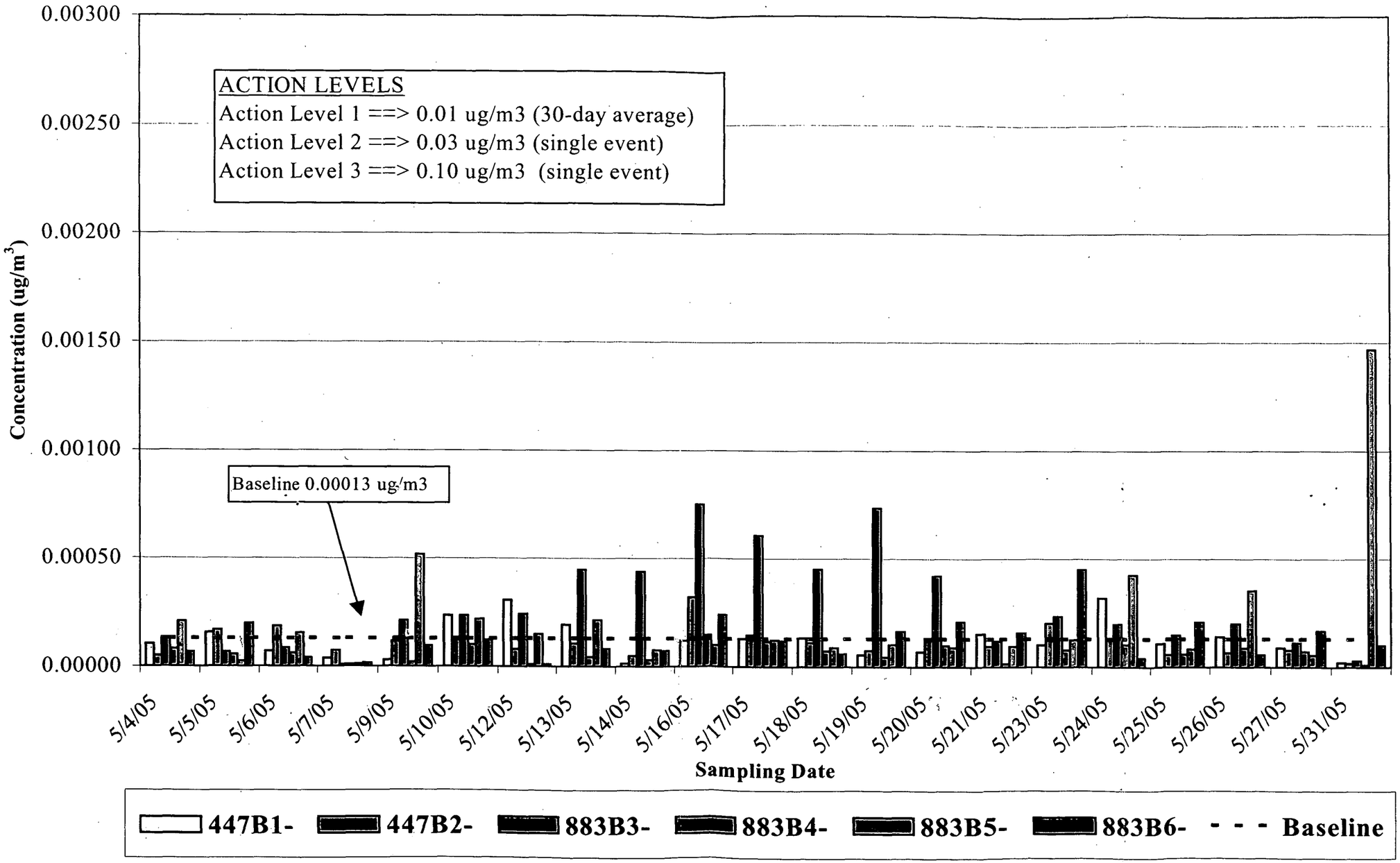
April 2005

(Loadout starting 4/22/05)



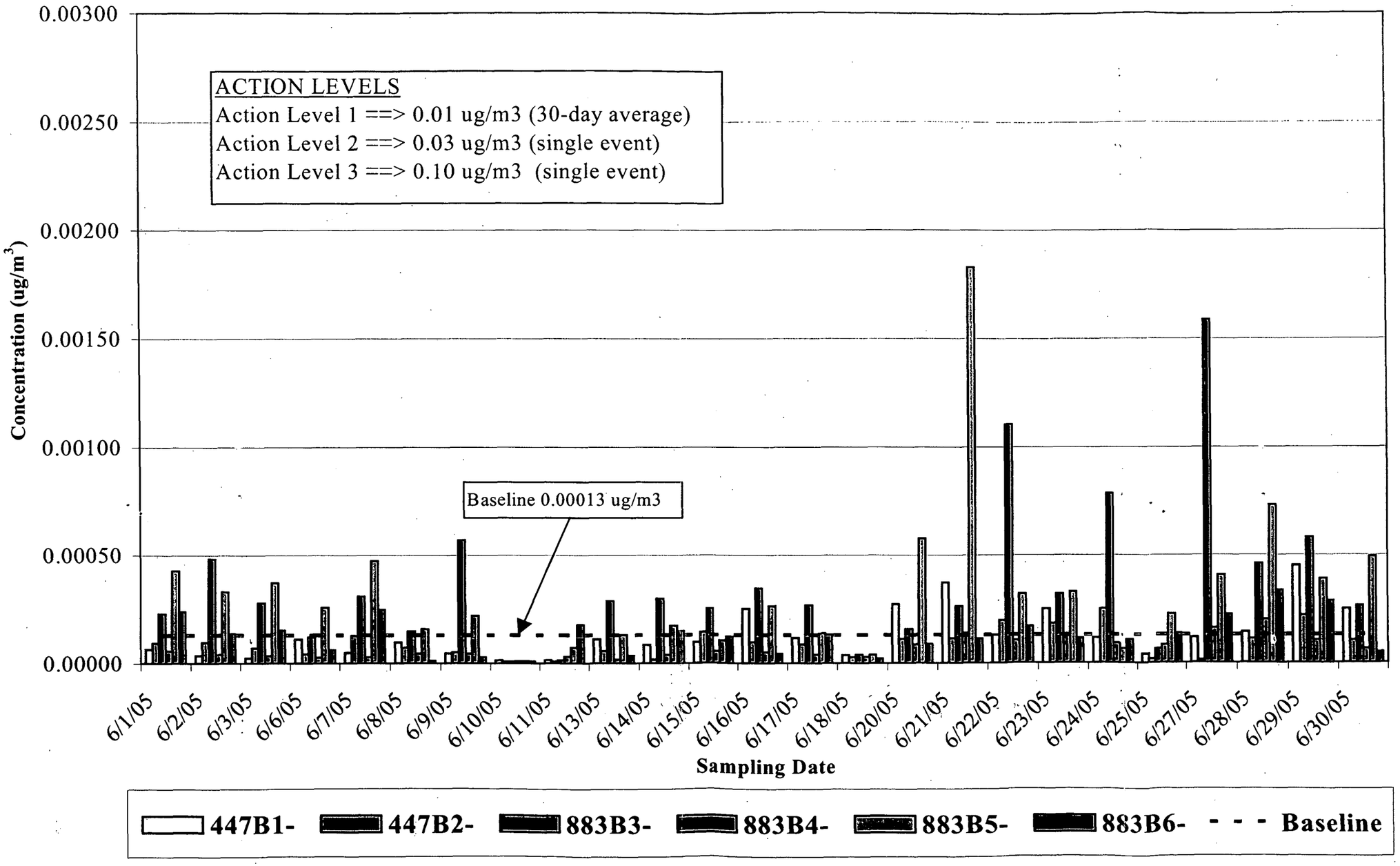
B883 Ambient Beryllium Monitoring

May 2005



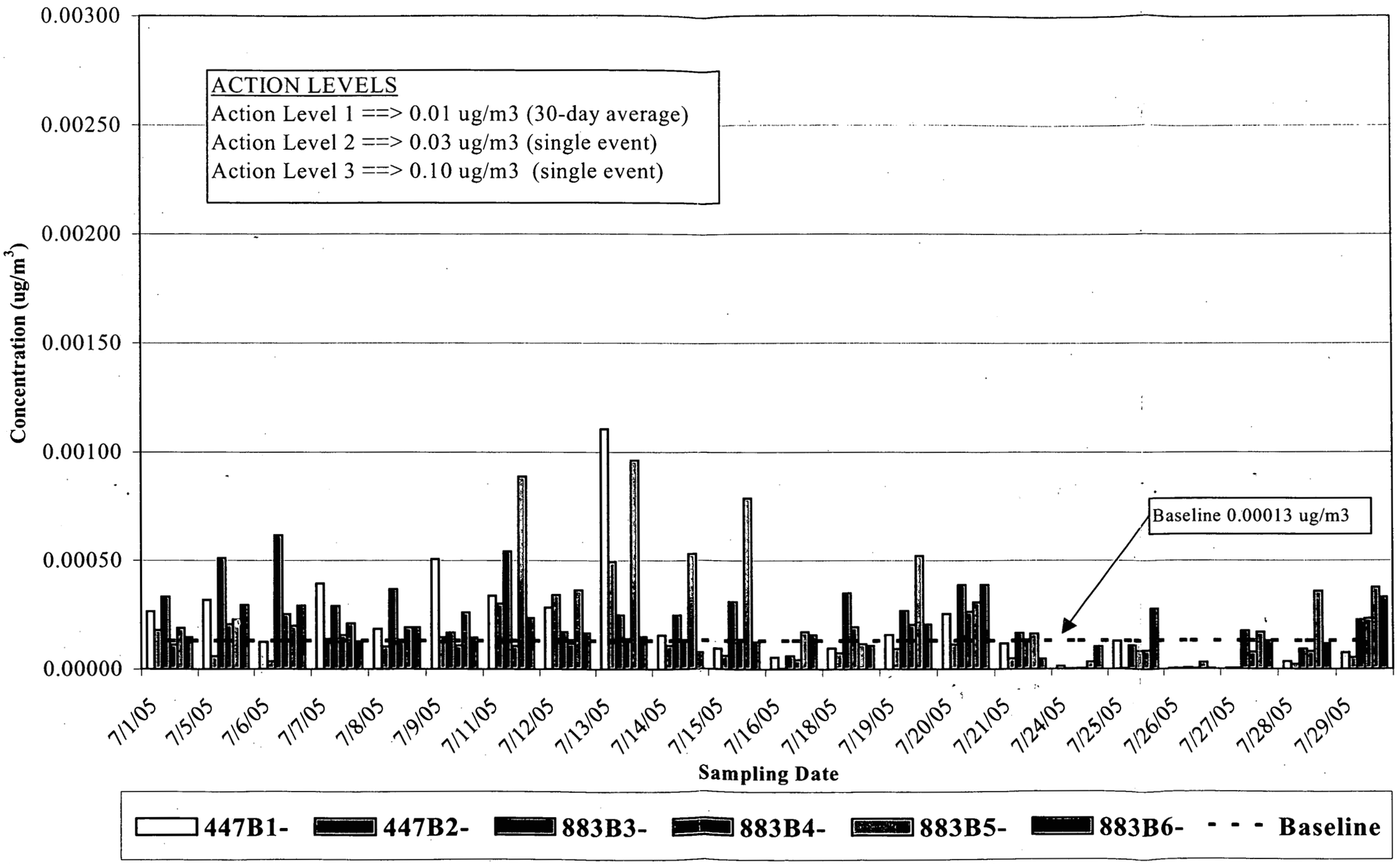
B883 Ambient Beryllium Monitoring

June 2005



B883 Ambient Beryllium Monitoring

July 2005



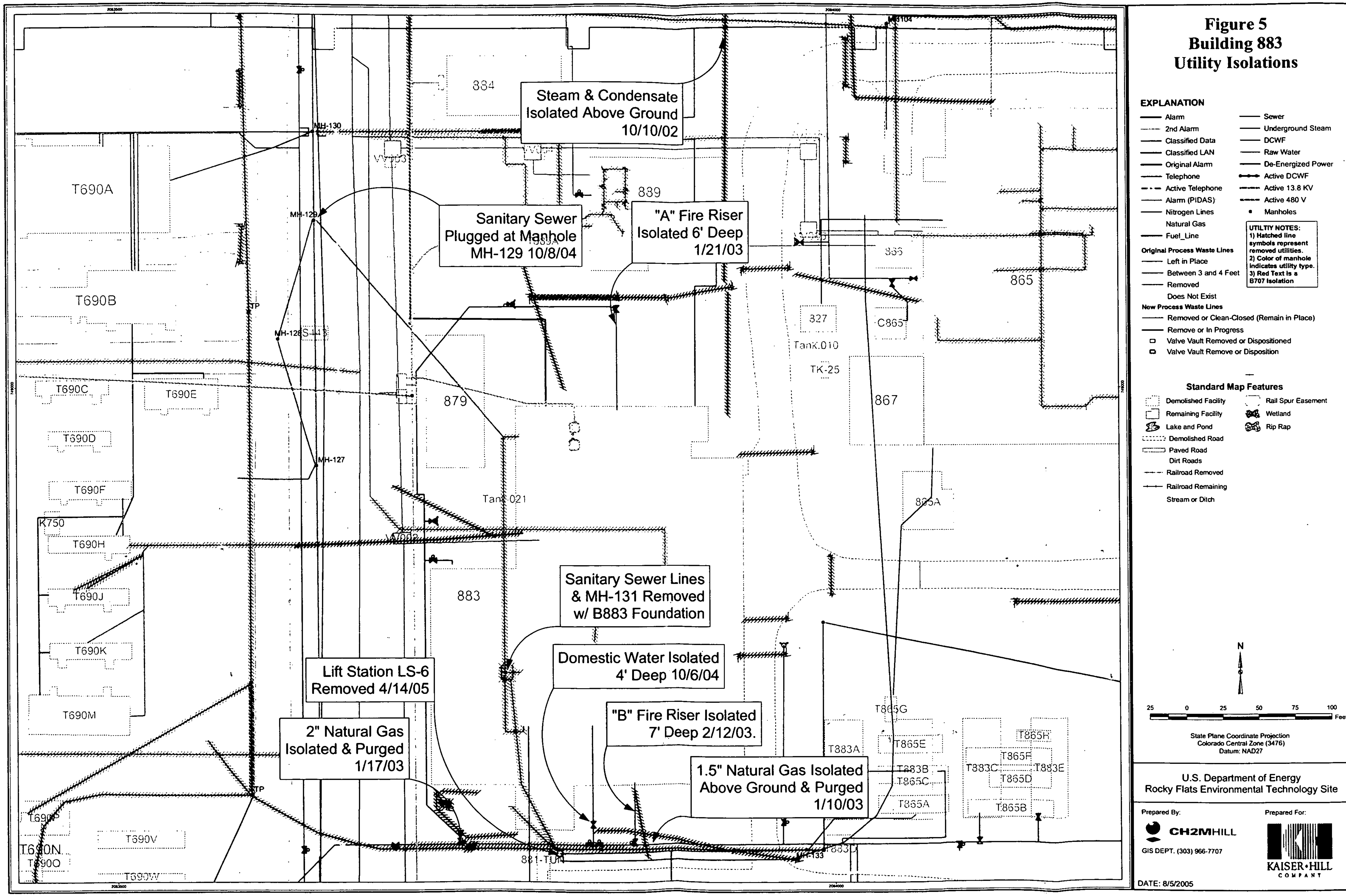


Figure 5
Building 883
Utility Isolations
Steam & Condensate Isolated Above Ground 10/10/02
Sanitary Sewer Plugged at Manhole MH-129 10/8/04
"A" Fire Riser Isolated 6' Deep 1/21/03
Sanitary Sewer Lines & MH-131 Removed w/ B883 Foundation
Domestic Water Isolated 4' Deep 10/6/04
Lift Station LS-6 Removed 4/14/05
"B" Fire Riser Isolated 7' Deep 2/12/03.
2" Natural Gas Isolated & Purged 1/17/03
1.5" Natural Gas Isolated Above Ground & Purged 1/10/03
884
889
879
883
865
867
866
327
C865
Tank.010
TK-25
Tank 021
865A
881-TUN
T690A
T690B
T690C
T690D
T690E
T690F
T690H
T690J
T690K
T690M
T690V
T690W
K750
T865G
T865E
T865H
T865F
T865D
T865C
T865B
T865A
T883A
T883B
T883C
T883E
MH-130
MH-129
MH-128
MH-127
MH-133
EXPLANATION
Alarm
2nd Alarm
Classified Data
Classified LAN
Original Alarm
Telephone
Active Telephone
Alarm (PIDAS)
Nitrogen Lines
Natural Gas
Fuel_Line
Sewer
Underground Steam
DCWF
Raw Water
De-Energized Power
Active DCWF
Active 13.8 KV
Active 480 V
Manholes
UTILTIY NOTES:
1) Hatched line symbols represent removed utilities.
2) Color of manhole indicates utility type.
3) Red Text is a B707 Isolation
Original Process Waste Lines
Left in Place
Between 3 and 4 Feet
Removed
Does Not Exist
New Process Waste Lines
Removed or Clean-Closed (Remain in Place)
Remove or In Progress
Valve Vault Removed or Dispositioned
Valve Vault Remove or Disposition
Standard Map Features
Demolished Facility
Remaining Facility
Lake and Pond
Demolished Road
Paved Road
Dirt Roads
Railroad Removed
Railroad Remaining
Stream or Ditch
Rail Spur Easement
Wetland
Rip Rap
N
25 0 25 50 75 100 Feet
State Plane Coordinate Projection
Colorado Central Zone (3476)
Datum: NAD27
U.S. Department of Energy
Rocky Flats Environmental Technology Site
Prepared By:
CH2MHILL
GIS DEPT. (303) 966-7707
Prepared For:
KAISER•HILL COMPANY
DATE: 8/5/2005

Building 883 and 879 Location Map

Standard Map Features

- Demolished Facility
- Remaining Facility
- Dirt Roads
- Stream or Ditch
- Lakes and Ponds
- Final Grade (Design)
- Final Grade (Interpolated)
- Asphalt Removed
- Asphalt Remaining

Final Grade (Raster Surface)

Elevation Value

High : 6150

Low : 5870

3

25 0 25 50 75 100 Feet

State Plane Coordinate Projection
Colorado Central Zone (3476)
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared By:

GIS DEPT. (303) 966-7767

Prepared For:

KAISER·HILL COMPANY

DATE: 8/17/2005

PATH: \Grass\GIS\Projects\r2005-0756\Building 883 and 879 Location Map.mxd

Appendix 2
Rocky Flats Environmental Technology Site Regulatory Contact Records

Article 1	Contact Record, June 15, 1999 Scoping meeting regarding proposed structures for deactivation
Article 2	Contact Record, June 24, 1999 Discussion regarding movement of equipment from B883/B865 to other RFETS buildings for re-use.
Article 3	Contact Record, July 2, 1999 Discuss actions at B883
Article 4	Contact Record, May 15, 2002 Discuss discrepancy in RSOP for Closure of RCRA Units 40.27 and 40.28.
Article 5	Contact Record, May 5, 2004 Closure of sanitary sewer at Building 883
Article 6	Contact Record, August 18, 2004 Clarification of RCRA Unit Closure for 40.27 and 40.28 Tanks T-1 and T-2
Article 7	Contact Record, October 13, 2004 Building 883 East Annex Demolition
Article 8	Contact Record, December 15, 2004 Building 883 Office Final Survey and Transite Removal Approval
Article 9	Contact Record, December 23, 2004 Building 883 B-side and Building 879 Final Survey and Building 883 B-side Transite Removal
Article 10	Contact Record, January 13, 2005 Building 883 North side final survey data and transite removal approval
Article 11	Contact Record, February 8, 2005 Building 879 Slab

6/15/1999 8:35:00 AM

Primary Site Contact	Ted Hopkins	Primary Reg Contact	Chris Gilbreath
SecondaySite Contact	Ted Hopkins	Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	B865/883	*7652	CDPHE

Purpose

Scoping Meeting regarding B865/883 proposed structures for deactivation.

Discussion

Gary Konwinski has identified a number of structures that he is seeking guidance from CDPHE on to determine whether or not these structures fall within the definition/scope of the Type 1 Facilities identified in the DPP. Gary is proposing removing the following ancillary structures/free standing equipment under deactivation and in the spirit of RFCA consultative process is seeking approval of CDPHE to remove the following: - Makeshift carpenters shop; - Four cargo containers; - Sutton Extrusion Press switch-gear house, Building 863; - Sutton Extrusion Press fire suppression system; - Cargo containers storing records; - CO2 cleaning equipment. Gary has completed a Reconnaissance Level Characterization and Final Survey Report (following the DPP) for these structures. This document was used as the agenda for the tour of the structures. This tour was conducted on June 15th at 8:30 a.m. and was intended to familiarize the State with the ancillary structures/free standing equipment. Present for this tour were Chris Gilbreath, CDPHE; Dave Kruchek, CDPHE; Ron Carlson, K-H; Randy Leitner, K-H/PE, and Ted Hopkins, RMRS. After the tour, a brief meeting was held in T124A to discuss this issue. The following areas were discussed: 1. Chris Gilbreath stated that he felt that the RLCR is confusing in that it doesn't clearly identify what has been surveyed and what has not. Gary stated that he would add a Table to the document to clarify the survey results for these structures. In addition, Chris requested that a paragraph be added describing the rad sampling/PRE approach to Free Releasing these structures/free standing equipment/cargoes; 2. Chris Gilbreath agreed that the CO2 Systems for both B883/865 did not meet the DPP Type 1 definition of a facility but were in fact freestanding equipment. Gary pointed out that he had buyers interested in purchasing the entire system. Chris agreed that this equipment could be dispositioned in accordance with RFETS policy and procedures. However, Chris pointed out that this was his opinion and not an authorization. He would be taking his interpretation and opinion back to CDPHE management which would make the final decision; 3. Cargo Containers. Chris Gilbreath questioned our PRE policy and process for "Free Releasing" cargoes and requested copies of the PREs. Gary stated he could obtain copies from CSS. Chris Gilbreath requested smears be conducted on the outside of these cargoes to supplement the process knowledge PRE that existed for these cargoes. Chris reasoned that the stakeholders would be concerned about the use of a Process Knowledge PRE vs smear sampling. Gary Konwinski pointed out that we were following the existing Free Release process. However, in order to expedite the approval to remove these structures/free standing equipment, RMRS would conduct smear sampling on the outside of whatever structures CDPHE approved for removal. (CO2 systems, B863, Extrusion Press, etc.). NOTE: Gary Konwinski researched the CSS process for removal and disposition of the Cargoes through CSS and found that smears will be taken as part of the standard protocol for disposition through PU&D. 4. B863 Sutton Extrusion Press switchgear, B863. Although this equipment and building would be processed through PU&D and sold as excess equipment, Chris Gilbreath pointed out that this structure was much closer to a Type 1 Building under the DPP than any of the other entities.

As such he wasn't sure whether CDPHE would approve disposition of this building outside of RFCA. External smear samples of this building were requested to supplement the Process Knowledge PRE; 5. Maintenance Shed. Chris Gilbreath agreed that this shed did not meet the Type 1 definition of a facility. External smear samples of this building were requested to supplement the Process Knowledge PRE; 6. Chris Gilbreath expressed concern that the RFETS site-wide process for disposition of frees standing equipment/cargoes/non-Type 1 structures. Chris suggested that possibly the development of implementing procedures attached to Jeff Steven's Characterization Protocols might be the best place to include the PRE/Rad Sampling protocols for this type of material. Terry Vaughn was identified as a key player in the development of this document, should RFETS decide to proceed down this path. 7. Chris Gilbreath requested that CDPHE be involved sooner in the process of determining "structure/equipment/facility disposition. The State did not want to go into a building for the first time and find only bare walls without knowing how all the equipment had been dispositioned.

Date and Time	6/24/1999 9:35:00 AM		
Primary Site Contact	Ted Hopkins	Primary Reg Contact	Chris Gilbreath
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	B883/865	*7652	CDPHE

Purpose

Phone call to Chris Gilbreath regarding movement of equipment from B883/865 to other RFETS buildings for re-use.

Discussion

During the Wednesday, Tim Hedahl/RMRS Operations Meeting, Gary Konwinski gave a status update on B883/865 and pointed out that B707 had requested a drum crusher and other buildings had requested air movement systems (HEPA filters etc.) from his buildings. This equipment was hard plumbed into the air ventilation system. Gary felt that this equipment was not subject to RFCA requirements as it was not a waste, is not being recycled but is simply a movement/allocation of DOE equipment from one building to another for use. Brian Mathis suggested that I make a courtesy call to Chris Gilbreath and let CDPHE know about the movement and disposition of this equipment. As requested, I phoned Chris Gilbreath on Wednesday but was only able to leave a message on his voice mail. On Thursday morning, I reached Chris. I explained that various buildings throughout the Site had identified certain excess equipment in the B883/865 complex as being essential to the Site's mission. These buildings had requested that this equipment be removed and sent to their buildings for use. B707 requested a drum crusher; and other buildings had requested air movement equipment (HEPA Filters, etc.). Chris stated that he had no problems with this type of removal and reuse of equipment on-site.

Date and Time	7/2/1999 1:00:00 PM		
Primary Site Contact	Bob Cathel	Primary Reg Contact	Chris Gilbreath
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	B865/B883	*6880	CDPHE

Purpose

A meeting was held with Chris Gilbreath and Dave Kruchek (CDPHE) to discuss actions at B865 and B883.

Discussion

Meeting Notes Meeting with CDPHE (Chris Gilbreath, Dave Kruchek) July 2, 1999 Start - 1:00 p.m. End – 2:30 p.m. Attendees: Steve Tower, Jim Archibald, Tom Scott, Randy Leitner, Gary Konwinski, and Bob Cathel. - B865 & B883 Activities - Carpenter Shop The carpenter shop and associated shed roof are conventional frame construction. The walls of the carpenter's shed are the metal sides of the adjacent cargo containers. The ends are 2X4-frame construction with fiberglass insulation, drywall interior finish and sheet metal outer finish. Gary intends to comply with HSP 18.10 (radiological free release criteria) and dispose of the materials of construction as a sanitary waste. Chris is in agreement with this approach. - Fire Suppression System for the Sutton Extrusion Press The Sutton Extrusion Press fire suppression system consists of a CO2 tank, air pump and vaporizer. These items reside on a concrete pad south of B865. Gary stated that this system is a "one-way" system to the Sutton Extrusion Press and not part of any ventilation system. Radiological surveys for these items will be conducted as required in HSP 18.10. All of the components are slated for removal and sale. Chris is in agreement with this approach. - CO2 Cleaning Equipment This equipment is located west of B883 and consists of a large CO2 tank, an air compressor, air dryer and electrical panel. The system components will be surveyed as per HSP 18.10. All of the components are slated for removal and sale. Chris is in agreement with this approach. - Cargo Containers The cargo containers that store records as well as new equipment and no-longer-needed supplies are located west of B865. The contents of the containers will be sorted into excess equipment and materials that can be sold at auction and into waste paper records that will enter the sanitary waste stream. The remaining records will be sent to long-term storage as required by the Site records management system. All items, including the records, will undergo radiological and beryllium surveys, as required by Site protocol. Following the removal of electrical power to the cargo containers, they will be appropriately surveyed (HSP 18.10) and removed. Chris is in agreement with this approach. - Electrical Switch-Gear and Housing for the Sutton Extrusion Press The Sutton Extrusion Press switchgear house is a metal building designated as B863. This building contains electrical components necessary to manage the electrical power to the inactive Sutton press. These components as well as the transformer that resides outside of the switchgear house represent a new installation in this location. This installation location as well as the process knowledge was sufficient for Radiological Engineering to issue a no-survey Waste/Property Release Evaluation. However, minimal radiological surveys will be performed. All electrical gear as well as the switchgear house will be disassembled and sold at auction. Currently there are no plans to act on this building. Chris re-enforced the concept of using the "Typing" process. Gary will be working with Tom Scott on this. Furthermore, Gary intends to prepare a work package to cutout the 110V line to B863. Chris is in agreement with this approach. Dave Kruchek stated that he doesn't have a need at this time to see documents related to this project. However, if in the future he does he will contact Tom Scott, Ron

Carlson or Ted Hopkins. What's happening now at B865 and B883? 883 Gary wants to move ~ 3500 gallons of oil out of the building between now and the end of FY99. Approximately 1600 gallons of this oil may be radiologically contaminated with the balance of the 3500 gallons "off-spec" used oils. Gary also intends to pack some crates with combustibles. 865 Waste packaging operations are very active in this building. Gary finished his 34th crate yesterday. All oil is out of B865 with the exception of maybe 30 gallons of pump oils. All RCRA systems are either closed or RCRA Stable. Gary may be interested in talking with CDPHE to remove the process waste system that goes to B866. Gary is also performing size reduction of cabinets and would like to strip out anything not plumbed to the building. Gary doesn't want to have to heat B865 and he will therefore need to drain various fire/water lines per Fire Protection Engineering direction. Gary is also with Fire Protection to determine what additional combustibles will need to be removed. Jim asked that Gary keep Dave in the loop on activities via the consultative process. Jim suggested that every 2 or 3 weeks (or other schedule that works) we discuss our plans regarding equipment removal with CDPHE. Gary's goal is that by the end of FY99 he wants to have a "shell" of a building, except "big" machines. Vent System Regarding the system that vents to a "drop box", Chris is of the opinion that this doesn't have a pathway to the environment. This is a system of stand-alone vents that draw particulates away from a machine (e.g., lathe, drill press, etc.). All of these vents are connected to a single overhead duct, which then deposits the particulate matter into a drop box. The collected particulate materials are then bagged out and managed appropriately. Walk-down Lastly, Dave would like to walk-down B865, B883, B881 and B444 soon. Dave will contact Ron Carlson to set this up. Dave's tentative schedule is 7/15/99.

Date and Time	5/15/2002 11:20:00 AM		
Primary Site Contact	Kimberly Myers	Primary Reg Contact	James Hindman
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
40.27, 40.28	883		CDPHE

Purpose

Discussion of a discrepancy in the RSOP Notification letter for the Closure of Building 883 RCRA Tank Units 40.27 and 40.28, approved by CDPHE on 4/30/2002.

Discussion

I contacted James to discuss a discrepancy that was found in the Notification Letter, dated April 15, 2002, invoking the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Component Removal, Size Reduction, and Decontamination Activities for Closure of Building 883 RCRA Tank Units 40.27 & 40.28 (02-DOE-00585), and approved by CDPHE on April 30, 2002. In this letter we stated that clean closure had been attempted for the two tank systems. However, upon review of further documentation, it was discovered that clean closure was not attempted on these tank systems. This documentation states that the sludge and liquid used to resuspend the sludge was pumped out of the tanks and any remaining sludge was manually removed. This was as far as closure activities proceeded when the responsible subcontractor's contract was terminated (mid-1998). At that time the tank systems were declared RCRA Stable, based on a visual inspection of the tanks to verify removal of sludge, no significant risk associated with any remaining residuals, and isolation of the inlets and outlets to the system. Therefore, when these tank systems (tanks and ancillary equipment) are removed during closure the waste will be managed as Low Level Mixed waste with the following EPA codes applied to the waste: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D028, D029, D035, D038, D040, D043, F001, F002, F003, F005, F007, F008, and F009. The EPA codes D001 and D002 will not apply to the tank system since the debris will not be characteristic for ignitability or corrosivity. Based on this discussion, James agreed that this contact record would document the change in management of the waste generated by the removal of the tanks systems including all ancillary equipment.

Date and Time	5/5/2004 4:45:00 PM		
Primary Site Contact	Annette Primrose, 4385	Primary Reg Contact	Dave Krucheck
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	B991, T883		CDPHE

Purpose

Closure of Sanitary Sewer at B991 and T883

Discussion

B991 As discussed and agreed, a sample is to be collected for radiological and metals analyses from the sanitary sewer line immediately east of B991 as the two manholes present east of the building are removed. These lines and manholes were previously flushed. After sample collection, a grout plug approximately 12 inches thick is to be placed into the open end of the sanitary sewer line and the area will be backfilled. T883 Area The inlet and outlet to the manhole located due west of the 883 trailers is to be plugged and grouted. No additional work will occur at this time.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: August 18, 2004 / 1152

Site Contact(s): Dyan Foss
Phone: 303-994-0325

Regulatory Contact: Harlen Ainscough
Phone: 303-692-3337

Agency: CDPHE

Purpose of Contact: Clarification of RCRA Unit Closure for Unit 40.27, Acid Etch Process Waste Tank T-1, and 40.28, Acid Etch Process Waste Tank T-2, in Building 883

Discussion

The subject tanks are RCRA interim status units. RCRA stable status for these tanks was approved by CDPHE on August 23, 1999. The RCRA closure requirements were included with the notification to invoke the RSOP for Facility Component Removal, Size Reduction, and Decontamination Activities received by CDPHE on April 18, 2002 and approved by CDHPE on April 30, 2002 with four conditions:

- The activities do not include the valve vault outside B883,
- Verification sampling and analysis of the remaining concrete is required unless it can be demonstrated the secondary containment's impermeable coating was maintained in good condition during the life of the unit,
- Perform an evaluation of the potential pathways for migration of contamination to determine if soil sampling is necessary, and
- Adherence to the work control process outlined in the RSOP.

The tanks were removed from the pit on August 12, 2004 and will be disposition as low level mixed waste. When the tanks were removed, a fiberglass liner could be seen lining the pit. Since the pit is lined, it is proposed that the closure requirements be slightly modified as follows:

- The fiberglass liner will be removed from the pit and dispositioned as low level mixed waste
- The concrete under the liner will be inspected and surveyed.
- If there is visible staining and/or there is radiological contamination, the concrete will be dry scabbled (Clean Closure Option #3 in the RSOP) or removed and dispositioned as low level mixed waste (closure through removal).
- If there is no visible staining and no radiological contamination, the concrete will be rinsed, and the rinsate analyzed – Clean Closure Option #2 in the RSOP.
- The closure activities will be documented in the B883 Pre-Demolition Survey Report.

This approach was discussed with the CDPHE RCRA point of contact, and he agreed with the approach. This contact record does not include the valve vault outside B883. The soil under the pit will be evaluated for potential migration of contamination. The work control process in the RSOP will be used for planning these activities.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Mike Swartz
Don Clark
Greg Uetrecht
David Kruchek
_____
_____
_____
_____
_____

Date and Time	10/13/2004 8:00:00 AM		
Primary Site Contact	Duane Parsons, x2093	Primary Reg Contact	
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	883		CDPHE

Purpose

Building 883 East Annex Demolition

Discussion

Meeting Attendance D. Parsons, RISS D. Kruchek, CDPHE M. Swartz, RISS Discussion Building 883 East Annex in-process radiological and beryllium survey data was provided to DOE (Gary Morgan) and CDHPE (David Kruchek) during the week of October 4th, 2004. This data represented post-decontamination conditions of the East Annex. The surveys showed only fixed radiological contamination (depleted uranium), and no loose rad or beryllium contamination. Although fixatives were not necessary to immobilize loose rad or beryllium contamination, the area has been sprayed with fixatives as an extra precaution against the spread of contamination during and after demolition of the East Annex. A craft work package has been developed that contains the appropriate controls for demolishing the super-structure of the East Annex with fixed radiological contamination still present. All demolition debris will be managed as low-level waste. Additionally, appropriate controls will be in place to prevent the spread of contamination from the slab and other remaining East Annex areas prior to the final demolition of Building 883. The RSPO notifications for the demolition of the East Annex have been submitted and approved by CDPHE. In accordance with the RSOP approval letter received from CDPHE, the PDS investigation surveys and the demolition work plans have been provided to CDPHE for review. Based on CDPHE's review of the PDS investigation surveys and the demolition work plans, they agree with proceeding with the demolition of the Building 883 East Annex. The PDS Report for Building 883 will contain the details of the East Annex PDS and in-process surveys, and will be provided to DOE and K-H once the remaining PDS work is completed for the remainder of the building.

Date and Time	12/15/2004		
Primary Site Contact	Dyan Foss	Primary Reg Contact	Dave Krucheck
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	883		CDPHE

Purpose

Building 883 Office Final Survey and Transite Removal Approval

Discussion

This contact record is to document CDPHE approval of the remaining office area final surveys and initiation of transite removal on the south side Building 883. Transite removal will only be conducted on the south and west side of the building in the office area. Transite removal outside this area will require CDPHE approval and a contact record. Survey results for the subject areas were provided to CDPHE on December 14, 2004 and clarifications were provided December 15, 2004. A walk down of the area was completed on December 9, 2004. Final surveys were performed in accordance with the Site-wide Pre-Demolition Survey Plan (PDSP). The slab will not be demolished during this evolution. Although there is no removable contamination, the slab has residual contamination under the paint. This data was also provided to CDPHE. Plywood will be placed on the slab prior to initiating transite removal to ensure that falling debris does not damage the paint and potentially release contamination. If there is a need to bring equipment onto the slab or edge of the slab any time prior to the removal of the slab, steel plates will be placed in the areas the equipment will move to further protect the paint from damage. The transite removal will not result in any openings to the main building and contamination areas. However special care will be taken during transite removal to ensure the original structure is not damaged, potentially creating an opening into the building and a pathway for contamination into the environment. In the event this situation occurs, work operations will stop and the opening will be covered immediately.

Date and Time	12/23/2004		
Primary Site Contact	Dyan Foss	Primary Reg Contact	Dave Krucheck
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	883, 879		CDPHE

Purpose

Building 883 B-side and Building 879 Final Survey and Building 883 B-side Transite Removal Approval

Discussion

This contact record is to document CDPHE approval of the Building 883 B-side (Rooms 2, 4, 5, 9, 10, 102, 112, and 123 and the west air tunnel) and Building 879 final surveys, and initiation of transite removal on the west side Building 883. The contact record is also to document CDPHE approval of the Building 879 demolition. Transite removal will only be conducted on the west side of Building 883 up to the junction of Room 108. Transite removal outside this area will require additional CDPHE approval and a contact record. Survey results for the subject areas were provided to CDPHE on December 22 and 23, 2004. A walk down of the area was completed on December 22, 2004. Final surveys were performed in accordance with the Site-wide Pre-Demolition Survey Plan (PDSP) and Radiological Safety Practice procedures. The RSOP notification for the 879 demolition was prepared using the consultative process, and the DOE formal transmittal of the letter is forthcoming. The slab and below grade areas will not be demolished during either the 879 demolition or the 883 B-side transite removal evolution. Although there is no removable contamination, these areas have residual contamination under the paint fixative. This data was also provided to CDPHE. Plywood will be placed on the 883 B-Side slab prior to initiating transite removal to ensure that falling debris does not damage the paint and potentially release contamination. If there is a need to bring heavy equipment onto the slab or edge of the slab, steel plates will be placed in the areas the equipment will move to further protect the paint fixative from damage. During the demolition of the 879 metal plenum, the concrete slab underneath the plenum shall be surveyed and survey results provided to CDPHE. The transite removal will not result in any openings into 883 A-side, the basement, and/or adjacent contamination areas. Special care will be taken during transite removal to ensure the original structure is not damaged, potentially creating an opening into the building and a pathway for contamination into the environment. In the event this situation occurs, work operations will stop and the opening will be covered immediately. The openings into the west air tunnels will also be covered to prevent snow, rain and other debris from entering.

Follow-Up

Date and Time	1/13/2005		
Primary Site Contact	Dyan Foss	Primary Reg Contact	Dave Krucheck
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	883		CDPHE

Purpose

Building 883 North Side final survey data and transite removal approval

Discussion

This contact record is to document CDPHE approval of the Building 883 North side (Rooms 106, 107, 108 (stairwell), 128, 129, 201, 202, 203, and 207) final survey data, and initiation of transite removal on the north side Building 883. Transite removal outside this area will require additional CDPHE approval and a contact record. Survey results for the subject areas were provided to CDPHE on January 13, 2005. A walk down of the area was also completed on January 13, 2005. Final surveys were performed in accordance with the Site-wide Pre-Demolition Survey Plan (PDSP) and Radiological Safety Practice procedures. The slab will not be demolished or damaged during the 883 north side transite removal. Although there is no removable contamination, the slab has residual contamination under the epoxy/paint. Plywood will be placed on the 883 north side slab prior to initiating transite removal to ensure that falling debris does not damage the epoxy/paint and potentially release contamination. If there is a need to bring heavy equipment onto the slab or edge of the slab, steel plates will be placed in the areas the equipment will move to further protect the paint fixative from damage. The transite removal will not result in any openings into Building 883 contamination areas. Prior to initiating asbestos abatement, the floor plate in Room 107 will be secured and the stairwell to the basement will be covered and blocked. Special care will be taken during transite removal to ensure the original structure is not damaged, potentially creating an opening into the building and a pathway for contamination into the environment. In the event this situation occurs, work operations will stop and the opening will be covered immediately.

Date and Time	2/8/2005 9:00:00 AM		
Primary Site Contact	Duane Parsons, x2093	Primary Reg Contact	Dave Krucheck
SecondaySite Contact		Seconday Reg Contact	
Unit	Building 879	Site Phone	Agency CDPHE

Purpose

Building 879 Slab

Discussion

Meeting Attendance: D. Krucheck, CDPHE D. Parsons, KH Building 879 was demolished in January 2005. Portions of the slab were inaccessible during the PDS of the building. In the RFCA Contact Record that allowed demolition to proceed, and in PDSR CDPHE concurrence letter dated January 26, 2005, it stated that a characterization survey of the inaccessible portions of the slab shall be performed during demolition of the building. This characterization was performed and the survey results were provided to DOE and CDPHE on February 7th, 2005. Based on a review of these survey results (radiological and beryllium surveys), the demolition of the 879 Slab can proceed. These survey results will be included in the Closeout report for Building 879.

Appendix 3
883 Cluster Characterization Reports

Pre-Demolition Survey Reports (PDSRs)

Article 1 **Building 883**
PDSR for the Building 883 Revision 0, dated February 7, 2005
CDPHE concurrence letter dated February 7, 2005

Article 2 **Building 879**
PDSR for Building 879 Revision 0, dated January 3, 2005
CDPHE concurrence letter dated January 26, 2005

Reconnaissance Level Characterization Reports (RLCRs)

Article 3 **Building 883 and 879**
RLCR for the 883 Cluster Closure Project, Revision 0, dated October 17, 2001
CDPHE concurrence letter dated December 20, 2001

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

http://www.cdphe.state.co.us

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

February 7, 2005

Mr. Joe Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: Pre-Demolition Survey Report (PDSR) for Building 883 - Approval

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 883 (Revision 0, dated January 27, 2005). Your letter regarding this PDSR, dated February 7, 2005, was received by fax on February 7, 2005. Based on the information contained in this PDSR, we are hereby approving the PDSR for Building 883.

As stated in this PDSR, B883 remains contaminated and will be removed as LLW. It is expect that, as stated, all of the remaining contamination will be properly identified, protected, segregated, controlled, and removed, and none will be left on site.

It is also our understanding, as discussed in the PDSR, that the remaining asbestos contamination will be properly protected, segregated, controlled, and removed.

In addition, due to the relatively high levels of remaining contamination, although fixed, we expect appropriate IH and Rad air monitoring to be performed, and notification provided for releases that may be identified. Because of the relatively high levels of remaining fixed contamination, we expect the wind restrictions as stated in the Facility Disposition RSOP (15 MPH) will be followed. We also expect the high contamination areas of the slab to be properly protected (with metal plates as well as plywood or equivalent cushioning material) during building demolition, and these areas of the slab will be saw cut rather than "jack hammered" to the extent practicable. It is also our understanding that the heavy superstructure (especially the cranes) will be lowered in a controlled manner, and not allowed to fall onto the slab. We also expect liberal use of fixatives, as well as dust suppression, during demolition and slab removal activities and on any remaining contaminated debris during work stoppages (either during the day or overnight).

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

http://www.cdphe.state.co.us

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

January 26, 2005

Mr. Joe Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: Pre-Demolition Survey Report (PDSR) for B879 - Approval

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 879; Version 0 dated January 3, 2005. We have also received your letter dated January 26, 2005. Based on the information contained in this PDSR, we are hereby approving this PDSR for Building 879.

Although we are approving this PDSR for B879, and as addressed in your letter, we previously reviewed the draft PDSR data for B879 and agreed that this structure could be demolished, as described in a Contact Record dated December 23, 2004. We also requested that a characterization of the inaccessible portions of the slab underneath this structure be performed upon removal of this structure. It is our understanding that this was performed, with the results to be provided in the Closeout Report for B879.

If you have any questions regarding this correspondence please contact me at (303) 692-3367 or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Gary Morgan, DOE
Mark Aguilar, EPA
Sam Garcia, EPA
Duane Parsons, KH
Administrative Records Building T130G
Dyan Foss, KH
Dave Shelton, KH
Steve Nesta, KH
J. Mike Swartz, KH

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

http://www.cdphe.state.co.us

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

December 20, 2001

Mr. Joseph A Legare
Assistant Manager for Environment and Infrastructure
U.S. Department of Energy, Rocky Flats Field Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: **Reconnaissance Level Characterization Report (RLCR) for Buildings 883 and 879 - Concurrence**

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the RLCR for the 883 Cluster Closure Project (Buildings 883 and 879), Revision 0 dated October 17, 2001, which was received on November 28, 2001. Based on a review of the information contained in this RLCR, including discussions and modifications to be provided, we are hereby concurring with the Type 2 designation for Buildings 883 and 879.

This concurrence is limited to the designation of Buildings 883 and 879 as Type 2 buildings, and does not include specific approval of the data or information contained in this RLCR or other conclusions that may be provided therein, or drawn from this RLCR. The utilization of the results of sampling included in this RLCR will be discussed during future D&D meetings.

If you have any questions regarding this correspondence please contact me at (303) 692-3367 or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Steve Tower, FC, RFFO
Tim Rehder, EPA
Duane Parsons, KH
Frank Gibbs, KH
Dave Shelton, KH
Administrative Records Building 850

Appendix 4

Closure Summery Report for Interim Status RCRA Units 40.27 and 40.28 in Building 883

CLOSURE SUMMARY INFORMATION FOR INTERIM STATUS RCRA UNITS 40.27 AND 40.28, IN BUILDINGS 883

Pursuant to the *Rocky Flats Environmental Technology Site's (RFETS) "Closure Plan for Interim Status Units at RFETS,"* Rev. 2/15/2000, the *Rocky Flats Environmental Technology Site's (RFETS) "RFCA Standard Operating Protocol (RSOP) for Facility Component Removal, Size Reduction, and Decontamination Activities, Notification Letter,* April 15, 2002" (02-RF-00235), Kaiser-Hill Company L.L.C. is submitting the following closure summary information for the units in Building 883.

This summary information pertains to RCRA closure activities for Tanks T-1 and T-2, ancillary piping, pumps, and secondary containment lining in B883. This summary is a requirement of Section 5, Closure of RCRA – Regulated Units, of the RSOP for Facility Component Removal, Size Reduction, and Decontamination Activities. This report contains a description of major closure activities and any deviations from those stated in the RSOP Notification Letter and other relevant information.

1.0 DESCRIPTION OF MAJOR CLOSURE ACTIVITIES

As discussed in the RSOP Notification Letter the tanks, the piping, the pumps, and the secondary containment lining from Building 883, was managed as LLMW. Approximately 2.1 m^3 of LLW was generated from this pipe removal action.

After the tanks and ancillary equipment was removed, a fiberglass liner was noted in the pit (Contact Record, between D. Foss and H. Ainscough, 8/18/04). This liner was removed and managed as LLMW, as noted above. In the contact record it was agreed that if there was no visible staining and no radiological contamination, the concrete would be rinsed and the rinsate analyzed (Clean Closure Option #2 in the RSOP). The rinsate was sampled under RIN #04C0809, and all constituents of concern were below the RFCA Tier II action levels for groundwater.

2.0 SUMMARY

The requirements stated in the RSOP Notification Letter for closure of RCRA Interim Status Units 40.27 and 40.28 has been fulfilled. The tanks, ancillary equipment, and secondary containment liner has been disassembled and packaged as LLM waste for appropriate disposal.

Appendix 5
CDPHE RSOP Notification Concurrence

Building 883 and 879

Article 1	January 9, 2002, Facility Component RSOP – Component removal and decontamination activities
Article 2	April 30, 2002, Facility Component RSOP – Closure of RCRA Tank Units 40.27and 40.28 in Buildings 883
Article 3	October 6, 2004, Facility Disposition RSOP – Demolition of C side, office area and East Annex.
Article 4	January 4, 2005, Facility Disposition RSOP, Component Removal RSOP and the Environmental Remediation RSOP – Demolition of Building 883 and 879 Slab

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

http://www.cdphe.state.co.us

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

January 9, 2002

Mr. Joseph A Legare
Assistant Manager for Environment and Infrastructure
U.S. Department of Energy, Rocky Flats Field Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: Buildings 883 and 879 notification of intent to invoke the Facility Component Removal, Size Reduction, and Decontamination Activities RSOP (Component RSOP)

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed your letter dated December 20, 2001, received on December 31, 2001, notifying us of your intent to utilize the Component RSOP for component removal, size reduction, and decontamination activities that are to occur in Buildings 883 and 879. We hereby agree that the appropriate activities may proceed utilizing the Component RSOP.

Although these activities may proceed utilizing the Component RSOP, as indicated in your letter, the consultative process will be utilized to keep us informed of the decommissioning strategy and activities to occur prior to performing the decommissioning activities.

It is stated in your letter that the "subcontractor will conduct work in accordance with his work control documentation". The utilization of the Component RSOP also includes implementation of the work control process as provided and approved in the Component RSOP. As such, the subcontractor's work control process must adhere to that described in the Component RSOP, or it must be shown to be equivalent. Any variation from the work control process as described and approved in the Component RSOP must be identified and appropriate rationale provided for our approval.

If you have any questions regarding this correspondence please contact me at (303) 692-3367 or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Steve Tower, RFFO
Tim Rehder, EPA
Kent Dorr, KH
Administrative Records Building 850
Frank Gibbs, KH
Dave Shelton, KH
Dyan Foss, KH

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

http://www.cdphe.state.co.us

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

April 30, 2002

Mr. Joseph A. Legare, Assistant Manager
Environment and Stewardship
U.S. Department of Energy, Rocky Flats Field Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: Notification by Rocky Flats Environmental Technology Site (RFETS) to invoke the *Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Component Removal, Size Reduction, and Decontamination Activities* for Closure of Building 883 RCRA Tank Units 40.27 & 40.28

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division (the "Division"), has reviewed your April 15, 2002 letter and the accompanying notification package received on April 18, 2002, notifying us of your intent to utilize the *RSOP for Facility Component Removal, Size Reduction, and Decontamination Activities* (the "Component RSOP") for the closure of interim status RCRA Tank Units 40.27 and 40.28 in Building 883. RCRA Tank Units 40.27 and 40.28 are also known as Acid Etch Process Waste Tanks T-1 and T-2, respectively, in Building 883. We hereby agree that the appropriate activities described in the notification may proceed utilizing the Component RSOP, with the following conditions:

1. The section within the notification documentation titled, "System Boundaries," lists the ancillary equipment associated with Tanks T-1 and T-2 and includes an item described as "Valve vault (outside the building)." It is assumed that the valve vault itself and the piping and equipment therein are not included within the scope of the RCRA closure activities described in this notification since the valve vault is not described further. Thus, closure and decontamination/demolition activities planned for the valve vault will require a separate closure description document or RSOP notification.

2. According to Division files, there is at least one documented release from these two tanks into the associated secondary containment in Building 883. Unless it can be demonstrated that an impermeable coating was maintained in good condition on the concrete secondary containment throughout the life of the unit, the application of Clean Closure Option #3 under Section 5.1.1 of the Component RSOP will require verification sampling and analysis of the remaining concrete for hazardous waste constituents that were managed within Tanks T-1 and T-2.

Revised 10/04

CORRES. CONTROL
INCOMING LTR NO.

0041RF04

DUE DATE

ACTION

RECEIVED
2004 OCT 12 A 11:09
CORRESPONDENCE CONTROL

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

http://www.cdphe.state.co.us

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

DIST.	LTR	ENC
BERARDINI, J.H.	X	
BOGNAR, E.S.	X	
BROOKS, L.	X	
BUTLER, L.	X	
CARPENTER, M.	X	
CIUCCI, J.A.		
CROCKETT, G. A.		
DECK, C. A.	X	
DEGENHART, K. R.		
DEL VECCHIO, D.		
DIETER, T. J.		
FERRERA, D. W.	X	
GIACOMINI, J. J.		
LINDSAY, D. C.	X	
LONG, J. W.		
LYLE, J. L.		
MARTINEZ, L. A.	X	
NAGEL, R. E.	X	
NESTA, S.	X	
NORTH, K.	X	
SHELTON, D. C.	X	
SPEARS, M. S.	X	
TUOR, N. R.	X	
WIEMELT, K.	X	
WILLIAMS, J. L.		
ZAHM, C.	X	
Foss, D	X	
Swartz, M	X	

COR. CONTROL	X	
ADMIN. RECORD	X	
PATS/130		

Reviewed for Addressee
Corres. Control RFP

10/12/04 Date — By

Ref. Ltr. #

DOE ORDER #
5400.1

October 6, 2004

Mr. Joseph Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: B883 Annex, C-Side, and Office Areas Facility Disposition RSOP Notification

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed your September 28, 2004 letter notifying us that the Facility Disposition RSOP and Component Removal RSOP, as well as the ER RSOP, will be utilized during the demolition of the East Annex, C-side, and Office areas of B883. We hereby agree that the B883 East Annex, C-side, and Office Area may be demolished utilizing the Facility Disposition RSOP and Component Removal RSOP.

However, as stated in this Notification, prior to initiating demolition activities we will 1) be provided the results of the PDS investigations of these areas, 2) we will be provided the specific work plans identifying the demolition procedures as well as the specific activities and controls to prevent releases of remaining contamination, and 3) we must provide our approval that the PDS data and information provided is sufficient to proceed. Our subsequent approvals to actually perform the demolition of these areas should be documented in Contact Records.

In addition, the list of rooms should also include Room 212, which is on the south side above the East Annex, and there did not appear to be a schedule for this work included, as stated. However, as also stated in your letter, the consultative process will be utilized to address these as well as other issues or concerns that may arise.

If you have any questions regarding this correspondence please contact me at (303) 692-3367 or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Gary Morgan, DOE
Mark Aguilar, EPA
Sam Garcia, EPA
Dyan Foss, KH
Administrative Records Building T130G
Karen Wiemelt, KH
Dave Shelton, KH
Steve Nesta, KH
J. Mike Swartz, KH

38

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

http://www.cdphe.state.co.us

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

January 4, 2005

Mr. Joseph Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: B883 Facility Disposition RSOP Notification

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed your December 23, 2004 letter (received December 29, 2004) notifying us that the Facility Disposition RSOP and Component Removal RSOP, as well as the ER RSOP, will be utilized during the demolition of Building 883 and 879. We hereby agree that Buildings 883 and 879 may be demolished utilizing the Facility Disposition RSOP and Component Removal RSOP as discussed.

Your letter discusses 3 separate enclosures, however, we recognize that only two enclosures are provided, with the appropriate information contained in these two enclosures.

Although we agree with utilization of the RSOPs, we also recognize the need to be provided with the appropriate information regarding the final environmental condition or characterization of these facilities prior to initiating demolition activities. This includes our receipt and approval of the PDSRs. The PDSRs must be provided to identify the pre-demolition condition of all of B883 and B879. Not only do the PDSRs need to properly characterize the areas meeting unrestricted release criteria, they also need to demonstrate that there is no removable contamination above unrestricted release levels in those areas with remaining fixed contamination above unrestricted release levels.

With specific regard to B879, it is recognized that this building is a metal plenum sitting on a concrete slab, the demolition of which we previously approved in a Contact Record dated December 23, 2004, with the slab to remain for proper characterization.

In addition, detailed work plans will also need to be provided prior to initiating demolition activities. These work plans and other information as requested should be provided utilizing the consultative process.

Appendix 6
Administrative Record

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B865 A 000012 09/01/2001 8 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Colorado Department of Public Health and Environment (CDPHE) Comments and Responses, on the 865 and 883 Cluster Historical Site Assessment (HSA) and Characterization Packages.
B865 A 000032 06/05/2001 18 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Building 865 and 883 Project Scoping Meeting. This meeting discusses the building facility descriptions, and includes Pre-Demolition Plans (PDP) for these buildings. (This report is also in AR under B883-A-000004 and B865-A-000005 with fewer pages)
B881 A 000057 06/08/2004 512 Pages PUBLIC	YES, ROUTINE	04-RF-00613; DWF-032-04	FERRERA, DENNIS W.	MORGAN, GARY	A Pre-Demolition Survey (PDS) was preformed to enable complaint disposition and Waste Management of Building 881. Because this Type 2 Facility will be demolished, the characterization was preformed in accordance with the Pre-Demolition Survey Report (PDSR) (MAN-127-PDSP). Building 881 Closure Project 2nd Floor, 2nd Floor Mezzanine and the 881/883 Tunnel interior floors, pits walls and ceilings. The purpose of this report is to communicate and document the results of the Building 881 2nd Floor, 2nd Floor Mezzanine and the 881 Tunnel PDS effort.
B883 A 000001 06/19/2000 6 Pages PUBLIC	YES, ROUTINE	N/A	DORR, KENT A.	NOT INDICATED	Issue Paper Regarding Building 865/883 Work Activities - A meeting was held on May 31, 2000 with Colorado Department of Public Health and Environment (CDPHE), US Department of Energy (DOE), and Kaiser-Hill Company, L.L.C. (K-H) to discuss the State's comments on the Beryllium report for Buildings 865 and 883. The report was prepared as part of the Site response to the implementation of the Chronic Beryllium Disease Program for worker safety. While not in an official capacity, per se, the State decided to offer their comments in order to help with future documents that may be prepared as official deliverables.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000002 05/23/2001 1 Pages PUBLIC	YES, ROUTINE	N/A	SCOTT, TOM	KRUCHEK, DAVID	Purpose of Contact: Kickoff meeting for the Building 865/883 Decommissioning Project.
B883 A 000003 06/05/2001 2 Pages PUBLIC	YES, ROUTINE	N/A	SCOTT, TOM	DISTRIBUTION	Minutes of the Building 865/883 Cluster Facilities Decommissioning Project, May 23, 2001. The meeting was held to provide the initial characterization plan and scope for subject Cluster projects and to provide historical information regarding Contaminants of Concern (COC).
B883 A 000004 06/05/2001 13 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Building 865 and 883 Project Scoping Meeting. This meeting discusses the building facility descriptions, and includes Pre-Demolition Plans (PDP) for these buildings.
B883 A 000005 07/02/1999 4 Pages PUBLIC	YES, ROUTINE	N/A	CATHEL, ROBERT GILBREATH, CHRIS C.	DISTRIBUTION	Purpose of Contact: Discussing the progress and status of actions at Building 865 and 883. The discussion consisted of the Carpenter Shop, Fire Suppression System, CO2 Cleaning Equipment, Electrical Switch Gear, Cargo Containers, Vent System and the Walk Down.
B883 A 000006 06/24/1999 1 Pages PUBLIC	YES, ROUTINE	N/A	GILBREATH, CHRIS C. HOPKINS, TED A.	DISTRIBUTION	Purpose of Contact: Regarding movement of equipment from Building 883 and 865 to other Rocky Flats Environmental Technology Site (RFETS) buildings for re-use.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000007 06/15/1999 2 Pages PUBLIC	YES, ROUTINE	N/A	GILBREATH, CHRIS C. HOPKINS, TED A. KRUCHEK, DAVID	DISTRIBUTION	Purpose of Contact: Regarding Building 865 and 883 proposed structures for deactivation. A number of structures have been identified and are seeking guidance from Colorado Department of Public Health and Environment (CDPHE) to determine whether or not these structures fall within the definition of the Type 1 Facilities identified in the DDP.
B883 A 000008 06/12/2001 2 Pages PUBLIC	YES, ROUTINE	KAD-008-01	DORR, KENT A.	DISTRIBUTION	Meeting minutes from the Scoping Meeting for Building 865 and 883. Discussed were the potential hazards for each group facility, the facilities undergoing Reconnaissance Level Characterization (RLC) that will be deleted and a summary stating closure of Resource Conservation and Recovery Act (RCRA) units is listed.
B883 A 000009 09/01/2001 8 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Colorado Department of Public Health and Environment (CDPHE) Comments and Responses, on the 865 and 883 Cluster Historical Site Assessment (HSA) and Characterization Packages.
B883 A 000010 10/23/2001 1 Pages PUBLIC	YES, ROUTINE	01-RF-02490; DWF-013-01	FERRERA, D. W.	TOWER, STEVE	Submits the attached [000011] Reconnaissance Level Characterization Report (RLCR), 883 Cluster Project for Buildings 883 and 879, Revision 0 October 17, 2001, for review and approval.
B883 A 000011 10/17/2001 183 Pages PUBLIC	YES, ROUTINE	Ref: 01-RF-02490; DWF-013-01	NOT INDICATED	DISTRIBUTION	Reconnaissance Level Characterization Report (RLCR) 883 Cluster Project for Buildings 883 and 879 Revision 0, October 17, 2001 [Type 2]. This report characterizes the physical, chemical and radiological hazards associated with these facilities. Attachments A through H are included. The attachments consist of Facility, Radiological and Chemical Data Summary Maps. A Historical Site Assessment (HSA) Report and Chemical and Radiological Characterization

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000012 11/27/2001 2 Pages PUBLIC	YES, ROUTINE	01-DOE-01991; 00759-RF-01	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards the attached [000011] 883 Cluster Reconnaissance Level Characterization Report (RLCR) for Buildings 883 and 879, Type 2 facilities, for concurrence.
B883 A 000013 12/20/2001 1 Pages PUBLIC	YES, ROUTINE	N/A	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) concurs with the Type 2 designation for Buildings 883 and 879, after reviewing the Reconnaissance Level Characterization Report (RLCR) for B831 Cluster Closure Project Revision 0 dated October 17, 2001.
B883 A 000014 12/20/2001 10 Pages PUBLIC	YES, ROUTINE	01-DOE-02287; 00821-RF-01	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards the enclosed completed Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal notification form for Buildings 883 and 879.
B883 A 000015 01/09/2002 1 Pages PUBLIC	YES, ROUTINE	N/A	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) agrees with the intent to utilize the Component Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination activities that are to occur in Buildings 883 and 879.
B883 A 000016 12/14/2001 10 Pages PUBLIC	YES, ROUTINE	01-RF-02827; FEG-010-01	GIBBS, FRANK E.	TOWER, STEVE	Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) notification letter for Buildings 883 and 879 component removal, size reduction and decontamination with an activities checklist.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000017 12/14/2001 10 Pages PUBLIC	YES, ROUTINE	01-RF-02905; FEG-013-01	GIBBS, FRANK E.	TOWER, STEVE	Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) notification letter for component removal, size reduction and decontamination activities for Resource Conservation and Recovery Act (RCRA) unit closure of interim units 40.27 and 40.28 in Building 883.
B883 A 000018 04/08/2002 12 Pages PUBLIC	YES, ROUTINE	02-RF-00327; FEG-003-02	GIBBS, FRANK E. TOWER, STEVE	KRUCHEK, DAVID TOWER, STEVE	Provides the enclosed draft transmittal to the Colorado Department of Public Health and Environment (CDPHE) for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification Letter for Resource Conservation and Recovery Act (RCRA) Unit Closure of Interim Units 40.27 and 40.28 in Building 883.
B883 A 000019 02/12/2002 2 Pages PUBLIC	YES, ROUTINE	01-DOE-02285; 00094-RF-02	LEGARE, JOSEPH A.	GUNDERSON, STEVE	US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction, and Decontamination Activities Notification for Building 883 Resource Conservation and Recovery Act (RCRA) Units 40.27 and 40.28 closure work.
B883 A 000020 04/15/2002 2 Pages PUBLIC	YES, ROUTINE	02-DOE-00585; 00235-RF-02	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards the attached [000018] completed Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction, and Decontamination Activities notification for Building 883 Resource Conservation and Recovery Act (RCRA) units 40.27 and 40.28 closure work.
B883 A 000021 04/30/2002 2 Pages PUBLIC	YES, ROUTINE	00271-RF-02	GUNDERSON, STEVE	LEGARE, JOSEPH A.	Notification of Intent to invoke the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Component Removal, Size Reduction, and Decontamination Activities for Closure of Building 883 RCRA Tank Units 40/27 and 40.28.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000022 04/30/2002 2 Pages PUBLIC	YES, ROUTINE	N/A	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) agrees with the Notification of the Facility Component Removal, Size Reduction, and Decontamination Activities Rocky Flats Cleanup Agreement Standard Operating Protocol (Component RSOP) for the closure of interim known as Acid Etch Process Waste Tanks T1 and T2 in Building 883. The RSOP is approved with conditions that are listed.
B883 A 000023 06/05/2001 18 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Building 865 and 883 Project Scoping Meeting. This meeting discusses the building facility descriptions, and includes Pre-Demolition Plans (PDP) for these buildings. (This report is also in AR under B883-A-000004 and B865-A-000005 with fewer pages)
B883 A 000024 05/15/2002 2 Pages PUBLIC	YES, ROUTINE	N/A	HINDMAN, JAMES MYERS, KIM	DISTRIBUTION	Purpose of Contact: Re discussion of a discrepancy in the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification letter for the Closure of Building 883 Resource Conservation and Recovery Act (RCRA) Tank Units 40.27 and 40.28, approved by Colorado Department of Public Health and Environment (CDPHE) on April 30, 2002.
B883 A 000025 09/18/2004 2 Pages PRELIM	YES, ROUTINE	N/A	FOSS, DYAN	AINSCOUGH, HARLAN	Purpose of Contact: Clarification of Resource Conservation and Recovery Act (RCRA), Unit Closure for Unit 40.27, Acid Etch Process Waste Tank T-1, and 40.28, Acid Etch Process Waste Tank T-2, in Building 883. The tanks are RCRA interim status units. RCRA stable status for these tanks was approved by Colorado Department of Public Health and Environment (CDPHE) on August 23, 1999. The RCRA closure requirements were included with the notification to invoke the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Component Removal, Size Reduction, and Decontamination Activities received by CDPHE on April 18, 2002 and approved by CDPHE on April 30, 2002.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000026 09/28/2004 7 Pages PRELIM	YES, ROUTINE	04-DOE-00722; 00443-RF-04	LEGARE, JOSEPH A.	GUNDERSON, STEVE	This letter and its enclosures is notification for RSOP for Facility Disposition implementation. This notification is for all activities required to demolish the Building 883 C-side, office area, and Annex. These portions of 883 need to be removed in order to allow access to the production area of the building for large equipment removal.
B883 A 000027 10/06/2004 1 Pages PRELIM	YES, ROUTINE	00461-RF-04	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) hereby agrees that the B883 East Annex, C-side, and Office Area may be demolished utilizing the Facility Disposition RSOP and Component Removal RSOP. Approvals to actually perform the demolition of these areas should be documented in Contact Records.
B883 A 000028 10/13/2004 2 Pages PRELIM	YES, ROUTINE	N/A	PARSONS, DUANE	KRUCHEK, DAVID	Purpose of Contact: Building 883 East Annex Demolition. Building 883 East Annex in-process radiological and beryllium survey data was provided to DOE and CDPHE. This data represented post-decontamination conditions of the East Annex. The surveys showed only fixed radiological contamination (depleted Uranium), and not loose rad or beryllium contamination.
B883 A 000029 11/17/2004 2 Pages PRELIM	YES, ROUTINE	N/A	FOSS, DYAN	KRUCHEK, DAVID	This contact record is to document Colorado Department of Public Health and Environment (CDPHE) approval of the final survey for the C-side and the office areas in Building 883, and verify that CDPHE concurs with the initiation of C-side and office area demolition. These areas were addressed in the Facility Disposition Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) notification to transmitted to Colorado Department of Public Health and Environment (CDPHE) on September 28, 2004 and approved October 12, 2004.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000030 12/21/2004 6 Pages PRELIM	YES, ROUTINE	04-RF-01279; DWF-088-04	FERRERA, DENNIS W.	MORGAN, GARY	Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment (CDPHE), for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification for Building 883 and 879 demolition.
B883 A 000031 12/23/2004 2 Pages PRELIM	YES, ROUTINE	N/A	FOSS, DYAN	KRUCHEK, DAVID	Purpose of Contact: This contact record is to document Colorado Department of Public Health and Environment (CDPHE) approval of the Building 883 B-side (Room 2, 4, 5, 9, 10, 12, 102, 112, and 123 and the west air tunnel) and Building 879 Final Surveys, and initiation of Transite removal of the west side Building 883. The contact record is also document CDPHE approval of the Building 879 demolition.
B883 A 000032 01/04/2005 1 Pages PRELIM	YES, ROUTINE	-4-RF-01279; DWF-088-04; [000030]	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM), and Waste Management (WM), Division has reviewed US Department of Energy (DOE), December 23, 2004 letter (received December 29, 2004), notifying us that the Facility Disposition Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) and Component Removal RSOP, as well as the Environmental Restoration (ER), RSOP will be utilized during the demolition of Building 883 and 879 CDPHE, hereby agree that Building 883 and 879 may be demolished utilizing the Facility Disposition RSOP and Component Removal RSOP as discussed.
B883 A 000033 12/23/2004 8 Pages PRELIM	YES, ROUTINE	00012-RF-05; 04-DOE-00722; [000032]	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards: Please find the Facility Disposition Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP), notification letter for the Type 2 facilities Building 883 and Slab 879. This notification invokes the RSOP for demolition of the facility.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000034 01/13/2005 2 Pages PRELIM	YES, ROUTINE	N/A	FOSS, DYAN	KRUCHEK, DAVID	Purpose of Contact: This contact record is to document Colorado Department of Public Health and Environment (CDPHE) approval of the Building 883 North side (Room 106, 107,108 (stairwell), 128, 129, 201, 202 203, and 207) final survey data, initiation of Transite removal on the north side Building 883. Transite removal outside this area will require additional Colorado Department of Public Health and Environment (CDPHE), approval and a contact record.
B883 A 000039 02/07/2005 2 Pages PRELIM	YES, ROUTINE	N/A	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials (HM) and Waste Management (WM) Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 883 (Revision 0, dated January 27, 2005). US Department of Energy (DOE) letter regarding this PDSR, dated February 7, 2005, was received by fax on February 7, 2005. Based on the information contained in this PDSR, CDPHE are hereby approving the PDSR for Building 883.
B883 A 000040 02/07/2005 3 Pages PRELIM	YES, ROUTINE	05-DOE-00062; 00060-RF-05; 05-RF-00107; DWF-010-(	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards the Pre-Demolition Survey Report (PDSR) for Building 883. This report characterizes the physical, chemical and radiological hazards associated with this facility, summarizes the characterization activities, defines the Data Quality Objectives developed for this characterization, and presents the data quality assessment, verification and validation of results.
B883 A 000041 01/28/2005 3 Pages PRELIM	YES, ROUTINE	05-RF-00107; DWF-010-05; [000042	FERRERA, DENNIS W.	MORGAN, GARY	Submits: the attached [000042] copy is provided for US Department of Energy (DOE) review and approval is the Building 883 Pre-Demolition Survey Report (PDSR) for 883 facility.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000042 01/27/2005 435 Pages PRELIM	YES, ROUTINE	05-RF-00107; DWF-010-05	FERRERA, DENNIS W.	MORGAN, GARY	A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and Waste Management (WM) of Building 883. Because this Type 2 Facility will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan (PDSP) (MAN-127-PDSP). Building surfaces characterized as part of the PDS included Building 883 interior floors, walls, ceiling and equipment.
B883 A 000044 04/07/2005 2 Pages PRELIM	YES, ROUTINE	N/A	PRIMROSE, ANNETTE L. SWARTZ, MIKE. J WIEMELT, KAREN	KRUCHEK, DAVID	Purpose of Contact: Building 883 Excavated Area Backfill. The slab was removed from Building 883 with the minimum of one foot of gravel the underlaid the slab. There was no observed staining on the slab or in the gravel Samples were collected as possible from the soil where exposed in the area underneath the B883 slab.
BZ A INFO 01/01/1992 0 Pages PUBLIC	YES, ROUTINE	N/A; SW-A-000189	ENVIRONMENTAL RESTOR	DISTRIBUTION	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 800 Area is located in the southeast area of the RFP. The more *important buildings and features in this area are as follows:* Building 865, placed into service in 1972, is used for material processing and development work which includes fabrication, processing and testing of metal parts. Depleted Uranium and Beryllium are processed in this building. Building 881, placed into service in 1953, was an Enriched Uranium Components Production building, which also contained a laundry, and analytical laboratory and facilities for chemically recovering enriched U from manufacturing wastes. Building 881 currently houses various technical support, analytical, plant support, and administrative functions. Building 883, put into service in 1957, housed two parallel U fabrication operations that involved the use of presses, rolling mills and annealing furnaces. Beryllium ingots were also rolled into sheet material and acid etched in this building. Currently, processes in 883 are mainly operations that prepare metals for additional

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
BZ A INFO 01/01/1992 0 Pages PUBLIC	YES, ROUTINE Author(s) ENVIRONMENTAL RESTOR	PAC 900-165; SW-A-000189 Recipient(s) DISTRIBUTION	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 900 Area: Triangle Area - Referred to as the Solar Pond Storage Yard, PU&D Pond Storage Yard, or the 779 Storage Yard. Drums were first moved into the triangle area during the construction of a drum storage area north of the Building 883. Drums with dilute nitric acid were stored directly on the ground for the winter of 1966/1967. The following spring, the drums were placed on wooden pallets. The drums were to have been double-lined with polyethylene bags. Rigid poly drum liners were used after 1970 and storage was in drums on wooden pallets until 1971 when drums were stored in cargo containers. In 1973, and effort was initiated to transfer all Plutonium (Pu) scrap to indoor storage. In 1968, more than 6,000 drums were stored in the open field. High winds in the unprotected area blew over as many as 150 drums at a time. Drums containing fire waste from the 1969 fire were stored in the triangle area until they could be counted at Building 771. Some fire waste returned to the triangle area for storage after being counted. In 1969, approximately 292 drums were discovered to be leaking and about 200 square feet of soil received high-level contamination. In June 1973, 200 yards of Pu-contaminated soil was temporarily stored in the east side of the triangle area. The soil came from the excavation of waste storage tanks near Building 774.
BZ A INFO 09/26/1997 0 Pages PUBLIC	YES, ROUTINE Author(s) ENVIRONMENTAL RESTOR	PAC 900-113; SW-A-002435; RF/RMRS-97-073.UN; 97- Recipient(s) DISTRIBUTION	Information Only Entry: Second Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); August 1, 1996 through August 1, 1997 - Mound Area (IHSS 113; OU02). In April 1954, the mounding of contaminated combustible wastes from Building 444 was suggested as a method of disposal. Scraping a shallow trench, aligning drums in rows, and covering them with soil developed the Mound. The resulting burial site extending above initial ground level. Photographs from April 21, 1954

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
IA A 000327 10/16/1997 13 Pages PUBLIC	YES, ROUTINE	EPA ID CO7890010526; P335615291	SCHIEFFELIN, JOE	APRIL, BOB	Letter submitting enclosed copy of Resource Conservation and Recovery Act (RCRA) Closure Plans for Four Interim Status Waste Water Tank Systems with approval and response to comments made in this letter. These four closure plans cover the waste tank systems in Buildings 883, 889, and 865.
IA A 000412 06/02/1998 3 Pages PUBLIC	YES, ROUTINE	VLO-001-98; CAP-059-98	OROZCO, VERONICA PATNOE, C. A.	DISTRIBUTION OROZCO, VERONICA	Rocky Mountain Remediation Services (RMRS) submits Colorado Department of Public Health and Environment (CDPHE) Air Compliance Inspection and Air Quality Building Tours to be scheduled on June 10, 1998 for Buildings 865, 883, 886. The inspector may request general tour, Information pertaining to future Decontamination and Decommissioning (D&D) activities, Chemical usage, pressure drop readings.
IA A 000455 11/03/1997 12 Pages PUBLIC	YES, ROUTINE	GRK-337-97	KONWINSKI, GARY R.	WRAPP, JOHN	Rocky Mountain Remediation Services, L.L.C. (RMRS) submits Response to Colorado Department of Public Health and Environment (CDPHE) Inspection of October 21, 1997. There were nine issues documented, which are in this response.
IA A 000458 06/07/2000 1 Pages PUBLIC	YES, ROUTINE	00-DOE-02698; RF/RMRS-2000-021	LEGARE, JOSEPH A.	GUNDERSON, STEVE	US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards Draft Final of Sampling and Analysis Plan (SAP) for the Decontamination and Decommissioning (D&D) Groundwater Monitoring of Buildings 707, 776/777, 371/374, 865 and 883, dated April 2000.
IA A 000459 04/01/2000 53 Pages PUBLIC	YES, ROUTINE	RF/RMRS-2000-021; 00-DOE-02698	NOT INDICATED NOT INDICATED		US Department of Energy, Rocky Flats Field Office (DOE/RFFO) transmits Sampling and Analysis Plan (SAP) for the Decontamination and Decommissioning (D&D) Groundwater Monitoring of Buildings 707, 776/777, 371/374, 865 and 883, Draft Final Revision 0, dated April 2000.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
IA A 000573 06/15/1999 2 Pages PUBLIC	YES, ROUTINE	N/A	GILBREATH, CHRIS C. HOPKINS, TED A. KRUCHEK, DAVID	DISTRIBUTION	Purpose of Contact: Regarding Building 865 and 883 proposed structures for deactivation. A number of structures have been identified and are seeking guidance from Colorado Department of Public Health and Environment (CDPHE) to determine whether or not these structures fall within the definition of the Type 1 Facilities identified in the DDP.
IA A 000574 06/24/1999 1 Pages PUBLIC	YES, ROUTINE	N/A	GILBREATH, CHRIS C. HOPKINS, TED A.	DISTRIBUTION	Purpose of Contact: Regarding movement of equipment from Building 883 and 865 to other Rocky Flats Environmental Technology Site (RFETS) buildings for re-use.
IA A 000575 07/02/1999 4 Pages PUBLIC	YES, ROUTINE	N/A	CATHEL, ROBERT GILBREATH, CHRIS C.	DISTRIBUTION	Purpose of Contact: Discussing the progress and status of actions at Building 865 and 883. The discussion consisted of the Carpenter Shop, Fire Suppression System, CO2 Cleaning Equipment, Electrical Switch Gear, Cargo Containers, Vent System and the Walk Down.
IA A 000710 08/07/1996 52 Pages PUBLIC	YES, ROUTINE	96-RM-TA-0151-KH; GRK-198-86	KONWINSKI, GARY R.	LEITNER, RANDY M.	Rocky Mountain Remediation Services, L.L.C. (RMRS) transmits the Resource Conservation and Recovery Act (RCRA) Closure Plans for the Process Waste Water Tank Systems in Buildings 883, 865, 866 and 889 at the Rocky Flats Environmental Technology Site (RFETS). Attachments 1 and 2 are draft transmittal letters to the US Department of Energy (DOE) and the Colorado Department of Public Health and Environment (CDPHE). Attachment 3 is the closure plan itself and in this plan includes Building 883 A and B Series Process Waste Water Tank System, Building 883 Nitric Acid Waste Water Tank System and Building 865, 866 and 889 Process Waste Water Tank System, dated August 1996.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
IA A 000767 08/02/1995 4 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Revised Interim Status Closure Plan for Operable Unit OU15, Inside Building Closures. The six closure units in OU15 are located within four buildings in the Industrial Area (IA), Building 881, 865, 883 and 447. This includes Individual Hazardous Substance Sites IHSSs 179, 180, 204, 221, 217 and 178.
IA A 000768 08/01/1995 7 Pages PUBLIC	YES, ROUTINE	N/A	SPRENG, CARL	SCHUBBE, DENNIS	Interim Status Closure Plan for Operable Unit OU15: Inside Building Closures. The six closure units in OU15 are located within four buildings in the Industrial Area (IA), Building 881, 865, 883 and 447. This includes Individual Hazardous Substance Sites IHSS 179, 180, 204, 221, 217 and 178.
IA A 000769 08/08/1995 5 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Interim Status Closure Plan for Operable Unit OU15: Inside Building Closures, which consist of Buildings 881, 883, 447 and 865. The Individual Hazardous Substance Sites IHSS involved in the closure are 178, 179, 180, 204, 211 and 217.
IA A 000773 09/01/1995 3 Pages PUBLIC	YES, ROUTINE	02238-RF-95: PDG:WNF:14111	FITCH, WILLIAM	HAHN, STEPHEN	Upon request, the US Department of Energy (DOE) forwards a copy of the Stakeholders Database Report for the meeting on August 2, 1995 to Kaiser-Hill Company, L.L.C. (K-H). This report database concerns the Operable Unit OU15 Public Comment Resolution.
IA A 000778 01/01/1900 3 Pages PUBLIC	YES, ROUTINE	N/A	KONCZAL,M.	DISTRIBUTION	Discusses the Operable Unit OU15 No Further Action (NFA) Closure Plan, and the first step is a Final Phase I Resource Conservation and Recovery Act (RCRA) Report.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
IA A 000893 11/05/1998 64 Pages PUBLIC	YES, ROUTINE	N/A	SCHIEFFELIN, JOE	APRIL, BOB	The Colorado Department of Public Health and Environment (CDPHE) approves the Class 2 modification to four closure plans for interim status, waste water tank systems. These systems are located in Buildings 883, 889 and 865. The closure plans for these tank systems are attached.
IA A 001031 03/30/1995 124 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	National Conversion Pilot Project Stage II, Interim Measures / Interim Remedial Action (IM/IRA) Decision Document (DD), Revision 4 March 30, 1995. The mission of this project is to explore and demonstrate the feasibility of economic conversion at the US Department of Energy (DOE) facilities. This is the conversion of facilities and equipment owned by the Federal government to production of goods by private firms for profit. The NCPP has been divided onto three stages, with decision points at the ends of Stages I and II and periodically during Stage III, to help ensure careful consideration of project feasibility and the opportunity for feedback from Stakeholders.
IA A 001038 10/31/1994 700 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	National Conversion Pilot Project Stage I, Final Technical Report Revision 2 October 31, 1994. The mission of the NCPP is to explore and demonstrate the feasibility conversion at US Department of Energy (DOE) facilities. The proposal challenges the DOE to convert its existing nuclear facilities into commercial manufacturing operations whereby DOE scrap metal can be recycled into products that can be used in the cleanup of DOE sites, and to do so using former DOE workers dislocated by defense cutbacks.
IA A 001076 09/30/2002 1 Pages PUBLIC	YES, ROUTINE	02-RF-02154; JLB-057-02	BUTLER, J. LANE	DISALVO, RICHARD	Submits the attached [001077] Industrial Area (IA) Characterization and Remediation Strategy FY02 Update Appendix C, September 2002. This document is an end-of-the-year requirement, but there is no requirement for Regulatory Agency review or approval.

There are 222 records in this set and a total of 4103 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
IA A 001077 09/01/2002 40 Pages PUBLIC	YES, ROUTINE	Ref: 02-RF-02154; JLB-057-02	NOT INDICATED	DISTRIBUTION	Industrial Area (IA) Characterization and Remediation Strategy FY02 Update Appendix C, September 2002 - This report was developed to provide a roadmap for final closure of the Rocky Flats Environmental Technology Site (RFETS/Site). IA to ensure integration of remediation activities, including facility decommissioning, characterization, remediation and Regulatory Agency and stakeholder participation. This is being incorporated as Appendix C of the IA strategy for October 1, 2001 through September 30, 2002.
IA A 001138 09/01/2002 41 Pages PUBLIC	YES, ROUTINE	PADC-1999-02570	NOT INDICATED	DISTRIBUTION	Industrial Area (IA) Characterization and Remediation Strategy FY02 Update, Appendix C September 2002 - This FY02, October 1, 2001 through September 30, 2002 IA Strategy Update describes progress on components and changes to the IA Strategy and the major accomplishments.
IA A 001236 04/29/1999 2 Pages PUBLIC	YES, ROUTINE	N/A	CATHEL, ROBERT	GILBREATH, CHRIS C.	Purpose of Contact: Discusses the status of several projects, which include Fume Hood Characterization, Building 865 and 883 Ancillary Structures, Building 776/777 Sludge and White Paper Slab Removal.
IA A 002334 09/20/2004 1 Pages PRELIM	YES, ROUTINE	N/A	GARREN, ROB	KRUCHEK, DAVID	Purpose of Contact: Walk down beryllium sampler locations for monitoring networks surrounding Building 444/447 and 883. The sampling networks are being set up monitor beryllium air emissions during the demolition of these buildings.
IA A INFO 01/01/1992 0 Pages PUBLIC	YES, ROUTINE	PAC 000-121; SW-A-000189	NOT INDICATED	FILE	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 000 Area: Original Process Waste Lines (OPWL) (PAC 000-121). The OPWL are a network of tanks and underground pipelines constructed to transport and temporarily store Aqueous chemical and radioactive process wastes from point of origin to on-site treatment and discharge points. The system

FISR_AR_GENERAL_QUERY.RD

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 24 records in this set and a total of 309 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000001 06/19/2000 6 Pages PUBLIC	YES, ROUTINE	N/A	DORR, KENT A.	NOT INDICATED	Issue Paper Regarding Building 865/883 Work Activities - A meeting was held on May 31, 2000 with Colorado Department of Public Health and Environment (CDPHE), US Department of Energy (DOE), and Kaiser-Hill Company, L.L.C. (K-H) to discuss the State's comments on the Beryllium report for Buildings 865 and 883. The report was prepared as part of the Site response to the implementation of the Chronic Beryllium Disease Program for worker safety. While not in an official capacity, per se, the State decided to offer their comments in order to help with future documents that may be prepared as official deliverables.
B883 A 000002 05/23/2001 1 Pages PUBLIC	YES, ROUTINE	N/A	SCOTT, TOM	KRUCHEK, DAVID	Purpose of Contact: Kickoff meeting for the Building 865/883 Decommissioning Project.
B883 A 000003 06/05/2001 2 Pages PUBLIC	YES, ROUTINE	N/A	SCOTT, TOM	DISTRIBUTION	Minutes of the Building 865/883 Cluster Facilities Decommissioning Project, May 23, 2001. The meeting was held to provide the initial characterization plan and scope for subject Cluster projects and to provide historical information regarding Contaminants of Concern (COC).
B883 A 000004 06/05/2001 13 Pages PUBLIC	YES, ROUTINE	N/A	NOT INDICATED	DISTRIBUTION	Building 865 and 883 Project Scoping Meeting. This meeting discusses the building facility descriptions, and includes Pre-Demolition Plans (PDP) for these buildings.

There are 24 records in this set and a total of 309 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000005 07/02/1999 4 Pages PUBLIC	YES, ROUTINE	N/A	CATHEL, ROBERT GILBREATH, CHRIS C.	DISTRIBUTION	Purpose of Contact: Discussing the progress and status of actions at Building 865 and 883. The discussion consisted of the Carpenter Shop, Fire Suppression System, CO2 Cleaning Equipment, Electrical Switch Gear, Cargo Containers, Vent System and the Walk Down.
B883 A 000006 06/24/1999 1 Pages PUBLIC	YES, ROUTINE	N/A	GILBREATH, CHRIS C. HOPKINS, TED A.	DISTRIBUTION	Purpose of Contact: Regarding movement of equipment from Building 883 and 865 to other Rocky Flats Environmental Technology Site (RFETS) buildings for re-use.
B883 A 000007 06/15/1999 2 Pages PUBLIC	YES, ROUTINE	N/A	GILBREATH, CHRIS C. HOPKINS, TED A. KRUCHEK, DAVID	DISTRIBUTION	Purpose of Contact: Regarding Building 865 and 883 proposed structures for deactivation. A number of structures have been identified and are seeking guidance from Colorado Department of Public Health and Environment (CDPHE) to determine whether or not these structures fall within the definition of the Type 1 Facilities identified in the DDP.
B883 A 000008 06/12/2001 2 Pages PUBLIC	YES, ROUTINE	KAD-008-01	DORR, KENT A.	DISTRIBUTION	Meeting minutes from the Scoping Meeting for Building 865 and 883. Discussed were the potential hazards for each group facility, the facilities undergoing Reconnaissance Level Characterization (RLC) that will be deleted and a summary stating closure of Resource Conservation and Recovery Act (RCRA) units is listed.
B883 A 000010 10/23/2001 1 Pages PUBLIC	YES, ROUTINE	01-RF-02490; DWF-013-01	FERRERA, D. W.	TOWER, STEVE	Submits the attached [000011] Reconnaissance Level Characterization Report (RLCR), 883 Cluster Project for Buildings 883 and 879, Revision 0 October 17, 2001, for review and approval.

There are 24 records in this set and a total of 309 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000011 10/17/2001 183 Pages PUBLIC	YES, ROUTINE	Ref: 01-RF-02490; DWF-013-01	NOT INDICATED	DISTRIBUTION	Reconnaissance Level Characterization Report (RLCR) 883 Cluster Project for Buildings 883 and 879 Revision 0, October 17, 2001 [Type 2]. This report characterizes the physical, chemical and radiological hazards associated with these facilities. Attachments A through H are included. The attachments consist of Facility, Radiological and Chemical Data Summary Maps. A Historical Site Assessment (HSA) Report and Chemical and Radiological Characterization Packages are included in this report.
B883 A 000012 11/27/2001 2 Pages PUBLIC	YES, ROUTINE	01-DOE-01991; 00759-RF-01	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards the attached [000011] 883 Cluster Reconnaissance Level Characterization Report (RLCR) for Buildings 883 and 879, Type 2 facilities, for concurrence.
B883 A 000013 12/20/2001 1 Pages PUBLIC	YES, ROUTINE	N/A	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) concurs with the Type 2 designation for Buildings 883 and 879, after reviewing the Reconnaissance Level Characterization Report (RLCR) for B831 Cluster Closure Project Revision 0 dated October 17, 2001.
B883 A 000014 12/20/2001 10 Pages PUBLIC	YES, ROUTINE	01-DOE-02287; 00821-RF-01	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards the enclosed completed Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal notification form for Buildings 883 and 879.
B883 A 000015 01/09/2002 1 Pages PUBLIC	YES, ROUTINE	N/A	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) agrees with the intent to utilize the Component Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination activities that are to occur in Buildings 883 and 879.

There are 24 records in this set and a total of 309 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000016 12/14/2001 10 Pages PUBLIC	YES, ROUTINE	01-RF-02827; FEG-010-01	GIBBS, FRANK E.	TOWER, STEVE	Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) notification letter for Buildings 883 and 879 component removal, size reduction and decontamination with an activities checklist.
B883 A 000030 12/21/2004 6 Pages PRELIM	YES, ROUTINE	04-RF-01279; DWF-088-04	FERRERA, DENNIS W.	MORGAN, GARY	Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment (CDPHE), for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification for Building 883 and 879 demolition.
B883 A 000031 12/23/2004 2 Pages PRELIM	YES, ROUTINE	N/A	FOSS, DYAN	KRUCHEK, DAVID	Purpose of Contact: This contact record is to document Colorado Department of Public Health and Environment (CDPHE) approval of the Building 883 B-side (Room 2, 4, 5, 9, 10, 12, 102, 112, and 123 and the west air tunnel) and Building 879 Final Surveys, and initiation of Transite removal of the west side Building 883. The contact record is also document CDPHE approval of the Building 879 demolition.
B883 A 000033 12/23/2004 8 Pages PRELIM	YES, ROUTINE	00012-RF-05; 04-DOE-00722; [000032]	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards: Please find the Facility Disposition Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP), notification letter for the Type 2 facilities Building 883 and Slab 879. This notification invokes the RSOP for demolition of the facility.
B883 A 000035 01/26/2005 1 Pages PRELIM	YES, ROUTINE	N/A	GUNDERSON, STEVE	LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials (HM), and Waste Management (WM) Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 879; Version 0 dated January 3, 2005. Based on the information contained in this PDSR, CDPHE is hereby approving this PDSR for Building 879.

There are 24 records in this set and a total of 309 pages.

Doc. No. / Date	Routine	Internal Code	Author(s)	Recipient(s)	Title / Subject
B883 A 000036 01/26/2005 2 Pages PRELIM	YES, ROUTINE	05-DOE-00043; 00053-RF-05	LEGARE, JOSEPH A.	GUNDERSON, STEVE	Forwards the Pre-Demolition Survey Report for Building 879, dated January 3, 2005.
B883 A 000037 01/06/2005 2 Pages PRELIM	YES, ROUTINE	05-RF-00012; DWF-002-05	FERRERA, DENNIS W.	MORGAN, GARY	Submits the attached [000038] Pre-Demolition Survey Report for Building 879, dated January 3, 2005.
B883 A 000038 01/03/2005 48 Pages PRELIM	YES, ROUTINE	Ref: 05-RF-00012; DWF-002-05	NOT INDICATED	MORGAN, GARY	Pre-Demolition Survey Report (PDSR) Building 879 Closure Project, January 3, 2005.
B883 A 000043 02/08/2005 1 Pages PRELIM	YES, ROUTINE	N/A	PARSONS, DUANE	KRUCHEK, DAVID	Purpose of Contact: Building 879 Slab. Building 879 was demolished in January 2005. Based on a review of the survey results (radiological and beryllium surveys), the demolition of the 879 Slab can proceed. These survey results will be included in the Closeout Report for Building 879.
IA A INFO 02/04/2002 0 Pages PRELIM		N/A	DELLAGUARDIA, GARY	NOTE TO FILE	Note to File: Property Id. 879 - Filter Plenum B883 Zone 1 RISS D&D 879, RISS Area: 1; Group-N/A, Cluster: N/A Facility Grouping No.: FGN-25, Facility Area: 800, Facility Type N/A